



Pathways World School
Academic Year 2021-2022



Aishwarya Sehdev
PWS19246

IB Middle Years Programme - Grade 9
Semester 1 Report Card

Form Tutor Observations

Faculty: Mr. Hemasiva Dimili

Aishwarya is a highly engaged, and academically focused student. She anticipates and identifies problems in a timely manner; then analyses reflect upon, synthesize, and contextualize information. She is always willing to support the teacher in class and her peers showing she is a caring individual. Very punctual and regular to classes, she is always seen immaculately dressed and comes well prepared for the classes. Her positive attitude in every field has contributed to her holistic development. Her submissions are timely and up to the mark. She has good self-management skills and exhibits the learner profile “balanced” as she maintains a perfect balance between her academics and co-curricular activities. This Semester has been filled with many different online activities and required students to exhibit a variety of skills. She completed all FT, P.U.L.S.E, ATL, and Climate Action Project tasks and exhibited her Thinking and Research skills. She has shown her sportsmanship by participating in a 100m race and short put in an Athletic meet held in our school. She has shown her communication skills by participating in E. Ahmed MUNC as UNHRC committee by representing Syria. She is continuing her social initiative “Virsa” by interviewing citizens about certain issues, starting a weekly blog, and celebrating International Widow Day. She has shown her social skills by being a part of Mufti day held in our school. In addition, she has registered for the International Award for Young People. This year, PWS, Aravali took on the challenge of completing a four-week 'Climate Action Project,' which was meticulously broken down into a weekly schedule for the students, starting with understanding the need and concluding with a call to action, in which she planned to hold a cyclathon in her society. She is doing well in all subjects and improved a lot in Mathematics. We are confident that with constant motivation and guidance, she will emerge as a winner. She attends classes on a regular basis and is always on time. We wish her all the best for the Academic Session! Typing test results Score: 85 WPM Accuracy: 97% During the upcoming winter vacation, the student should continue practicing typing.

Student Semester Reflection

What is something that I accomplished this year that I am truly proud of?

A thing that I accomplished this year that I am truly proud of is my participation in the 2021 Athletic Meet, while I may not have won any awards or accolades, I certainly put my best into all the events of the Athletic Meet and did better than I ever have. Overall, I am proud of my participation in it. Along with that, I am extremely proud of my Semester 1 Reading List, I believe I increased the number of books by a great amount and truly found my genre of interest.

What am I looking forward to in the next Semester?

I look forward to the Inter-House Tennis Championship that will most likely occur next semester. The Inter-house Tennis Championship is a platform in which I have performed multiple times, this time, I hope to come first place while representing Earth House. Additionally, I also hope to be an Emcee in a school event that may occur next year. I believe I have strong communication skills and I would like to showcase them on a large platform. I

Have I achieved the goal I had set for myself at the beginning of the term?

Fortunately, I have achieved 2 out of 3 of the goals that I set for myself at the beginning of the term. The first goal I achieved was the improvement of my mathematical abilities, after seeing my grades in the Mathematics Summative 2, I saw an improvement from a 6, 7 in Summative 1 to a 6, 8 in Summative 2. I have also begun to feel more confident while performing questions related to Mathematical topics, therefore, I believe my academic goal has been met. The second goal I achieved was my will to participate in more MUNs and Round Squares. I did so by participating in the E. Ahmed MUN 2021 and giving my name for the Mini MUN committee. Therefore, I believe my co-curricular goal was met as well.

What have I discovered about myself as a learner?

As a learner, I have discovered that I prefer to always perform practice questions upon a task to test my knowledge about it. I have learned that doing so increases my confidence and highlights my strengths and weaknesses of a topic, once these have been highlighted, I work upon my weaknesses and try my best to improve them.






















Attendance

Semester	Enrolled	Attended	Absences
Semester 1	101	97	4

Summary of Achievement

Subject	Teacher	Criterion (Max - 8)				Final Grade Max - 7	Effort Grades
		A	B	C	D		
English	Nivedita Rawat	7	6	6	7	6	-
Hindi	Laxmi Yadav	7	8	7	7	7	-
Geography	Juhi Kapil	7	7	6	6	6	-
History	Savneet Kaur	8	8	7	7	7	-
Biology	Neha Chaudhary	6	5	7	7	6	-
Digital Design	Pooja Sachdeva	8	8	6	8	7	-

ATL Skills

Subject	Communication	Social	Self-Management	Research	Thinking
English					
Hindi					
Geography					
History					
Biology					
Digital Design					



Emergent



Practicing



Proficient

Assessment Explanation

How the student and the work are assessed

The IBO has developed assessment criteria against which the student's work will be assessed.

The student will not be judged against the work of other students, but against assessment criteria which the teacher will show and explain to the student. This will help the student to keep an eye on her / his progress and to see where she / he needs to improve. The descriptors help the student and the teacher to find the student's level of achievement for each criterion

How the final grade is achieved in the IBO grading system

1. There are a set of objectives for each subject to match the assessment criteria.
2. Every subject has four different criteria with numerical bands of 1-8.
3. Grading is based on the level of achievements for each criterion.
4. After having worked out the achievement levels for the different criteria for each subject, the achievement levels are added up. The teacher then applies the grade boundaries to determine the final grade for each specific subject.

Grade Descriptors

7	Consistent and thorough understanding of the required knowledge and skills, and the ability to apply them almost faultlessly in a wide variety of situations. The student consistently demonstrates originality, insight, and analytical thinking. The student produces work of high quality.
6	Consistent and thorough understanding of the required knowledge and skills, and the ability to apply them in a wide variety of situations. The student consistently demonstrates originality, insight, and analytical thinking.
5	Thorough understanding of the required knowledge and skills, and the ability to apply them in a variety of situations. The student occasionally demonstrates originality, insight, and analytical thinking.
4	General understanding of the required knowledge and skills, and the ability to apply them effectively in normal situations. There is occasional evidence of analytical thinking.
3	Limited achievement against most of the objectives, or clear difficulties in some areas. The student demonstrates a limited understanding of the required knowledge and skills and is only able to apply them fully to normal situations with support.
2	Very limited achievement in terms of the objectives. The student has difficulty in understanding the required knowledge and skills and is unable to apply them fully to normal situations, even with support.
1	Minimal achievement in terms of the objectives.
NA	Not Assessed.

Effort Grade Descriptor

A	Exemplary commitment towards work and independently meets all lesson goals; Often volunteers with productive and relevant contributions during class discussions; Takes lesson content further and displays initiative to take inquiry beyond classroom; Always meets deadlines with excellent quality of work; Completely prepared, including having the correct books and equipment.
B	Works well with guidance on organisation and time management to meet lesson goals; With guidance, takes the initiative to make useful contributions; Often takes lesson content further with guided support to take inquiry beyond classroom; Mostly meets deadlines with good quality work; Mostly prepared to learn, including having the correct books and equipment.
C	Usually engages in the lesson but needs reminders to keep on task/lesson goals; Even with guidance, makes some contributions; Usually needs prompts to make connections to take learning and inquiry forward; Sometimes meets deadlines, quality of work is satisfactory; Sometimes unprepared, e.g. forgetting books/equipment.
D	Makes no effort to work independently on lesson goals; Even with guidance and constant reminders making contributions is a challenge; Needs constant support to make connections to take learning and inquiry forward; Rarely meets deadlines, quality of work needs attention; Frequently does not bring books and equipment.

English**Final Grade: 6**

Faculty: Ms. Nivedita Rawat

Course Description

This Semester students started with the unit on Analysing Text – Exploring connections through different genres. The focus was on Task 1 which is primarily Analysis. Students were taught to write Short Answer Questions and Compare and Contrast between a Text and a Video. For Unit 2, students focused on Task 2 – Producing Literary Task. Task 2 is an image prompt question compelling students to think creatively and explore a range of stylistic devices while answering in a structured manner. Students learnt to create descriptive, narrative and dialogue writing piece using different image prompts. Additionally, students understood different conventions based on the literary writing.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Analysing: 7/8

Period	Date	Assignment	Level	Type
Quarter 1	31 Aug 2021	MYP4_Lang&Lit_SA1_31 August 2021	6	Summative
Quarter 2	07 Dec 2021	MYP4 SA Lang and Lit.	6	Summative

Aishwarya provides perceptive analysis of the content, context, language, structure, technique, style of text(s) and the relationship among texts, perceptively analyses the effects of the creator's choices on an audience, gives detailed justification of opinions and ideas with a range of examples, and thorough explanations; uses accurate terminology and perceptively compares and contrasts by making extensive connections in features across and within genres and texts.

Criterion B - Organizing: 6/8

Period	Date	Assignment	Level	Type
Quarter 2	07 Dec 2021	MYP4 SA Lang and Lit.	6	Summative

Aishwarya makes competent use of organizational structures that serve the context and intention, organizes opinions and ideas in a coherent and logical manner with ideas building on each other and makes competent use of referencing and formatting tools to create a presentation style suitable to the context and intention.

Criterion C - Producing text: 6/8

Period	Date	Assignment	Level	Type
Quarter 2	09 Nov 2021	SA1_MYP4_DW	6	Summative
Quarter 2	07 Dec 2021	MYP4 SA Lang and Lit.	6	Summative

Aishwarya produces texts that demonstrate considerable personal engagement with the creative process; demonstrates considerable insight, imagination and sensitivity and substantial exploration of, and critical reflection on, new perspectives and ideas, makes thoughtful stylistic choices in terms of linguistic, literary and visual devices, demonstrating good awareness of impact on an audience and selects sufficient relevant details and examples to develop ideas.

Criterion D - Using language: 7/8

Period	Date	Assignment	Level	Type
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Quarter 2	09 Nov 2021	SA1_MYP4_DW	7	Summative
Quarter 2	07 Dec 2021	MYP4 SA Lang and Lit.	6	Summative

Aishwarya effectively uses a range of appropriate vocabulary, sentence structures and forms of expression, writes and speaks in a consistently appropriate register and style that serve the context and intention, uses grammar, syntax and punctuation with a high degree of accuracy; errors are minor and communication is effective, spells/writes and pronounces with a high degree of accuracy; errors are minor and communication is effective and makes effective use of appropriate non-verbal communication techniques.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Research		✓	
Communication			✓
Social			✓
Self-Management			✓
Thinking			✓

Faculty Observation

Aishwarya makes sophisticated use of organizational structures to arrange her ideas and opinions coherently. She has learnt how to lend an analytical structure to her critiques. She is an active participant in class activities and discussions. She is always conscious of her deadlines and strives to do better by incorporating feedback. She uses varied range of vocabulary and sentence structures appropriate to the task.

She manages her time effectively as is evident from her submissions. The quality of output in her work is commendable and depict earnest efforts put forth each time.

Hindi**Final Grade: 7**

Faculty: Ms. Laxmi Yadav

Course Description

The two topics covered during Semester 1 are “Global issues” and “Communication & social media”.

Global issues: In this unit, students have learned about the importance of the environment and ways to protect it from our actions. They have learned about natural and manmade disasters. Through this unit, students have explored the ways to prevent global issues. For this unit, the overall practice for the vocabulary and grammatical structure was done through worksheets, oral practice, formatives, and homework.

Communication & social media: This unit helped students to understand the role of communication. Students have also learned the advantages and disadvantages of social media. For this unit, the overall practice for the vocabulary and grammatical structure was done through worksheets, videos, class interactions, formatives, and homework.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Listening: 7/8

Aishwarya clearly identifies basic facts, messages, main ideas and supporting details, has excellent awareness of basic conventions, engages thoroughly with the spoken and visual text by identifying ideas, opinions and attitudes and by making a personal response to the text and shows thorough understanding of the content, context and concepts of the text as a whole.

Criterion B - Reading: 8/8

Aishwarya clearly identifies basic facts, messages, main ideas and supporting details, has excellent awareness of basic aspects of format and style, and author’s purpose for writing, engages thoroughly with the written and visual text by identifying ideas, opinions and attitudes and by making a personal response to the text and shows thorough understanding of the content, context and concepts of the text as a whole.

Criterion C - Speaking: 7/8

Aishwarya responds in detail and appropriately to simple short phrases and basic information in spoken and/or written and/or visual text, interacts confidently in simple and rehearsed exchanges, using verbal and non-verbal language, uses basic phrases effectively to communicate ideas, feelings and information on a variety of aspects of everyday topics and communicates with an excellent sense of audience.

Criterion D - Writing: 7/8

Aishwarya writes/speaks effectively using a basic range of vocabulary, grammatical structures and conventions accurately; when speaking, uses clear pronunciation and excellent intonation, making communication easy, organizes basic information clearly and uses a range of basic cohesive devices accurately and uses language effectively to suit the context.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Research	✓		
Social		✓	
Self-Management		✓	
Communication		✓	

Thinking		✓	
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Faculty Observation

Aishwarya shows very good understanding of a range of information and ideas and understands them diligently across spoken, visual and written texts. She expresses thorough understanding and ability to interpret the author's choice of style, format and ideas to suit an intended audience and purpose. She gets involved eagerly in conversations about topics of personal interest by starting and carrying on an effective reciprocation of information and ideas. She is able to formulate information and ideas persuasively in a structured text in a range of interpersonal and cultural contexts. She writes and speaks with a definite sense of audience and purpose; demonstrates an immense command of vocabulary and grammatical accuracy.

She willingly participates in group discussions and class activities. She takes assignments seriously and does the submission on time. She is always eager to learn new concepts and reaches class timely and well prepared. Moreover, she has shown good understanding of language by scoring levels in the highest band.

Geography**Final Grade: 6**

Faculty: Ms. Juhi Kapil

Course Description

This semester, in Unit 1, the students studied about the “Sustainable Management of Physical Processes” understanding the role of erosion, transportation and deposition in shaping landforms. The impact of this on coastal and river flooding and need for management and intervention were also taught. The physical processes of tectonic movements were studied in relation to earthquakes and volcanic activity along with the disaster management techniques.

In Unit 2, the students focused on the two fragile biomes – the Rainforests and the Tundra. They studied about the causes, impacts and solutions of global warming, with specific reference to the two mentioned biomes. They identified the role of individuals, the community, corporates and the government in dealing with the problem of climate change.

Students learnt to connect content with concept using effective online tools such as Padlet, Nearpod, , Quizziz, Canva, and AYO, in the hybrid scenario.

They practised the skill of evaluating sources, formulating and justifying research questions and understanding the importance of identification of data, sources and method in outlining an action plan for investigation.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Knowing and understanding: 7/8

Period	Date	Assignment	Level	Type
Quarter 1	01 Sep 2021	MYP4 Summative 1 Geo 2021	7	Summative
Quarter 2	27 Oct 2021	MYP4 Summative1 Biomes	7	Summative
Quarter 2	14 Dec 2021	MYP4 EOSA DEC 2021	7	EOSA

Aishwarya consistently uses a wide range of terminology effectively and demonstrates excellent knowledge and understanding of content and concepts through thorough, accurate descriptions, explanations and examples.

Criterion B - Investigating: 7/8

Period	Date	Assignment	Level	Type
Quarter 2	27 Oct 2021	MYP4 Summative1 Biomes	7	Summative
Quarter 2	14 Dec 2021	MYP4 EOSA DEC 2021	7	EOSA

Aishwarya formulates a clear and focused research question, thoroughly justifying its relevance with appropriate evidence, formulates and effectively follows a comprehensive action plan to investigate a research question, uses research methods to collect and record appropriate, varied and relevant information and thoroughly evaluates the investigation process and results.

Criterion C - Communicating: 6/8

Period	Date	Assignment	Level	Type
Quarter 2	27 Oct 2021	MYP4 Summative1 Biomes	8	Summative
Quarter 2	14 Dec 2021	MYP4 EOSA DEC 2021	6	EOSA

Aishwarya communicates information and ideas accurately by using a style that is mostly appropriate to the audience and purpose, structures information and ideas in a way that is mostly appropriate to the specified format and often documents

sources of information using a recognized convention.

Criterion D - Thinking critically: 6/8

Period	Date	Assignment	Level	Type
Quarter 1	01 Sep 2021	MYP4 Summative 1 Geo 2021	3	Summative
Quarter 2	27 Oct 2021	MYP4 Summative1 Biomes	6	Summative
Quarter 2	14 Dec 2021	MYP4 EOSA DEC 2021	7	EOSA

Aishwarya discusses concepts, issues, models, visual representation and theories, synthesizes information to make valid arguments, effectively analyses and evaluates a range of sources/data in terms of origin and purpose, usually recognizing value and limitations and interprets different perspectives and their implications.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Research			✓
Thinking			✓

Faculty Observation

Aishwarya demonstrates substantial knowledge and understanding of content and concepts through descriptions, explanations and examples. She stays focused on the task at hand and uses class time constructively which is clearly reflected through her levels in the assessments. She also structures information and ideas completely according to the task instructions.

She is an inquisitive learner and participates enthusiastically in all classroom activities. She is regular with the submissions, completing them in a timely manner and putting her best effort in all the assignments.

History**Final Grade: 7**

Faculty: Ms. Savneet Kaur

Course Description

This semester the students of MYP 4 History dwelled into the units on “Independence and National Identity” and “Intellectual and ideological movements”. Students looked at history through the lens of the Kenyan freedom Struggle and how the colored people fought for the Civil Rights in America. They also looked at the causes and impacts of Political revolutions in the second unit.

They were guided about the scope of the command terms, structure of the answers and the detailed rubrics of the subject criteria. Skill based questions on evaluation of sources, interpretation of sources and investigation were also practiced. In the hybrid scenario, tech tools, such as Padlet, Canva and Nearpod were used to enhance their learning.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Knowing and understanding: 8/8

Period	Date	Assignment	Level	Type
Quarter 1	01 Sep 2021	MYP 4 Sum 1 Unit 1	7	Summative
Quarter 2	27 Oct 2021	MYP 4 SUM 1 Unit 2	8	Summative
Quarter 2	08 Dec 2021	MYP 4 History EOSA	6	EOSA

Aishwarya consistently uses a wide range of terminology effectively and demonstrates excellent knowledge and understanding of content and concepts through thorough, accurate descriptions, explanations and examples.

Criterion B - Investigating: 8/8

Period	Date	Assignment	Level	Type
Quarter 2	27 Oct 2021	MYP 4 SUM 1 Unit 2	8	Summative
Quarter 2	08 Dec 2021	MYP 4 History EOSA	8	EOSA

Aishwarya formulates a clear and focused research question, thoroughly justifying its relevance with appropriate evidence, formulates and effectively follows a comprehensive action plan to investigate a research question, uses research methods to collect and record appropriate, varied and relevant information and thoroughly evaluates the investigation process and results.

Criterion C - Communicating: 7/8

Period	Date	Assignment	Level	Type
Quarter 1	01 Sep 2021	MYP 4 Sum 1 Unit 1	8	Summative
Quarter 2	27 Oct 2021	MYP 4 SUM 1 Unit 2	8	Summative
Quarter 2	08 Dec 2021	MYP 4 History EOSA	6	EOSA

Aishwarya communicates information and ideas effectively and accurately by using a style that is completely appropriate to the audience and purpose, structures information and ideas in a way that is completely appropriate to the specified format and consistently documents sources of information using a recognized convention.

Criterion D - Thinking critically: 7/8

Period	Date	Assignment	Level	Type
Quarter 2	27 Oct 2021	MYP 4 SUM 1 Unit 2	7	Summative
Quarter 2	08 Dec 2021	MYP 4 History EOSA	6	EOSA

Aishwarya completes a detailed discussion of concepts, issues, models, visual representation and theories, synthesizes information to make valid, well-supported arguments, effectively analyses and evaluates a range of sources/data in terms of origin and purpose, consistently recognizing value and limitations and thoroughly interprets a range of different perspectives and their implications.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Thinking			✓

Faculty Observation

Aishwarya exhibits conceptual understanding and critical thinking skills. She has many insightful ideas to share with the class. She actively participates in class discussions and is extremely conscientious. She also has a good grasp on the command terms. Aishwarya demonstrates substantial knowledge and understanding of content and concepts through descriptions, explanations and examples. She stays focused on the task at hand and uses class time constructively which is clearly reflected through her levels in the assessments. She also structures information and ideas completely according to the task instructions.

She is an inquisitive learner and participates enthusiastically in all classroom activities. She is regular with the submissions, completing them in a timely manner and putting her best effort in all the assignments. She interacts well with peers, and contributes thoughtfully to class discussion. She uses higher level thinking strategies to apply learned skills while completing the assignments. She is extremely motivated and completes all the activities in an organized manner.

Biology**Final Grade: 6**

Faculty: Ms. Neha Chaudhary

Course Description

Students were assessed for the understanding and retention of the concepts covered during the units. Their ability to frame responses as per the criterion specifications were assessed with the help of levelled questions designed on the guidelines of criteria A, B, C and D. The hierarchy of the organization in the living world along with the structure and function of various cellular organelles were covered in Unit 1 whereas metabolism and its catabolic and anabolic pathways were discussed in unit 2.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Knowing and understanding: 6/8

Period	Date	Assignment	Level	Type
Quarter 2	06 Dec 2021	MYP4 Biology-EOSA-Dec'21	5	Summative

Aishwarya describes scientific knowledge, applies scientific knowledge and understanding to solve problems set in familiar situations and suggest solutions to problems set in unfamiliar situations and analyses information to make scientifically supported judgments.

Criterion B - Inquiring and designing: 5/8

Period	Date	Assignment	Level	Type
Quarter 2	06 Dec 2021	MYP4 Biology-EOSA-Dec'21	5	Summative

Aishwarya describes a problem or question to be tested by a scientific investigation, formulate and explain a testable hypothesis using scientific reasoning, describes how to manipulate the variables, and describes how sufficient, relevant data will be collected and design a complete and safe method in which he or she selects appropriate materials and equipment.

Criterion C - Processing and evaluating: 7/8

Period	Date	Assignment	Level	Type
Quarter 2	06 Dec 2021	MYP4 Biology-EOSA-Dec'21	7	Summative

Aishwarya correctly collect, organize, transform and present data in numerical and/or visual forms, accurately interpret data and explain results using correct scientific reasoning, evaluate the validity of a hypothesis based on the outcome of a scientific investigation, evaluate the validity of the method based on the outcome of a scientific investigation and explain improvements or extensions to the method that would benefit the scientific investigation.

Criterion D - Reflecting on the impacts of science: 7/8

Period	Date	Assignment	Level	Type
Quarter 2	06 Dec 2021	MYP4 Biology-EOSA-Dec'21	7	Summative

Aishwarya explains the ways in which science is applied and used to address a specific problem or issue, discusses and evaluates the implications of using science and its application to solve a specific problem or issue, interacting with a factor,

consistently applies scientific language to communicate understanding clearly and precisely and documents sources completely.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Social		✓	
Thinking		✓	
Communication			✓
Self-Management			✓
Research			✓

Faculty Observation

Aishwarya displays comprehensive subject knowledge and a thorough command of concepts covered during the unit. Selects and applies relevant information and concepts in a wide variety of contexts. Analyses and evaluates quantitative and qualitative data thoroughly. Constructs detailed explanations of complex phenomena and makes appropriate predictions. Evidence great proficiency in solving problems, including those that are challenging or unfamiliar. Communicates logically and concisely using appropriate terminology and conventions. Shows insight or originality. Approaches scientific investigations with sound knowledge of independent and dependent variables and can propose a methodology that leads to innovative and effective conclusions to resolve authentic problems. Wish her luck for another successful and fruitful Academic Session.

Aishwarya is pretty comfortable with her own self and is respectful with everyone around. She tries her level best to achieve her academic goals and therefore scores well in each and every assignment/assessment.

Mathematics

Faculty: Ms. Deepika Kakkar

Course Description

The main aims of the MYP Year 4 mathematics were to encourage and enable students to:

- enjoy mathematics and develop curiosity and appreciation for it
- develop an understanding of the nature of mathematics
- develop logic, and foster critical and creative thinking
- develop confidence, perseverance, and independence in mathematical thinking and problem-solving
- apply and transfer skills to a wide range of real-life situations, other areas of knowledge and future developments.

In this semester, students began with the recap of Numbers and its properties, fractions, and decimals. They built on their knowledge of financial mathematics and ratio. They were introduced to Variation and real-life applications. They were exposed to Algebraic simplification and expansion. They learnt more about factorization and algebraic fractions. They learnt about linear inequalities and how to solve them. They were introduced to sequences, linear and quadratic. They also built on their knowledge of indices.

Digital Design**Final Grade: 7**

Faculty: Ms. Pooja Sachdeva

Course Description

During the first semester, students explored all the strands of the criteria as present in the Design cycle with the unit "Style the Web". This unit emphasized on 'Designers and individual's perspective while building websites for a community that can build stronger customer relationships. Students created a website to ensure an online presence for the client/his business and also helped them cater to a wider segment and build better customer relationships. Students were assessed on the skills of website building after being exposed to HTML5 and CSS.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Inquiring and analysing: 8/8

Aishwarya explains and justifies the need for a solution to a problem for a client/target audience, constructs a detailed research plan, which identifies and prioritizes the primary and secondary research needed to develop a solution to the problem independently, analyses a range of existing products that inspire a solution to the problem in detail and develops a detailed design brief, which summarizes the analysis of relevant research.

Criterion B - Developing ideas: 8/8

Aishwarya develops design specifications, which outline the success criteria for the design of a solution, develops a range of feasible design ideas, using an appropriate medium(s) and annotation, which can be interpreted by others, presents the chosen design and justifies its selection with reference to the design specification and develops accurate planning drawings/diagrams and lists requirements for the creation of the chosen solution.

Criterion C - Creating the solution: 6/8

Aishwarya constructs a logical plan, which considers time and resources, sufficient for peers to be able to follow to create the solution, demonstrates competent technical skills when making the solution, creates the solution, which functions as intended and is presented appropriately and describes changes made to the chosen design and plan when making the solution.

Criterion D - Evaluating: 8/8

Aishwarya designs detailed and relevant testing methods, which generate data, to measure the success of the solution, critically evaluates the success of the solution against the design specification based on authentic product testing, explains how the solution could be improved and explains the impact of the product on the client/target audience.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Research		✓	
Thinking		✓	
Social			✓

Faculty Observation

Aishwarya is an enthusiastic and confident learner. She is able to grasp and implement the concepts really well and has a

very clear understanding of the design cycle. She is very responsible and respects deadlines. She uses higher-level thinking strategies to apply learned skills to new situations... She is suggested to take frequent feedbacks to build a deeper understanding of the subject.

Pathways World School
Academic Year 2021-2022



Aishwarya Sehdev
PWS19246

IB Middle Years Programme - Grade 9
Semester 2 Report Card

Form Tutor Observations

Faculty: Mr. Hemasiva Dimili

Aishwarya is a sincere and open-minded student. She focuses in class and puts her best into understanding and learning new concepts. Aishwarya is a kind, compassionate individual and is keen on serving the environment as well as participating in new events. This semester, Aishwarya was the student presenter for Hindi during the Parent Orientation, additionally, she also participated in the World Scholars' Cup and was recognized in the top 15 students under the Writing Competition, her team was also recognized as the second-best team in Collaborative Writing. Aishwarya is a keen tennis player and participated in the Inter-school Tennis competition held by PWS. Her organization, Virsaa, works towards leading women on a pathway out of poverty and into financial independence. Today, her organization has over 60 employees, who earn a living from the work they do at Virsaa. Not only Virsaa but she has also taken other social initiatives such as conducting muffin drives, cloth distribution initiatives, etc. Aishwarya was also elected as the captain of the Editorial Board in the Student Council. Along with that, Aishwarya also maintains a near perfect attendance. Lastly, Aishwarya maintains decorum in class and is a wonder to have in the class. We wish her all the best for her next Academic year.

Student Semester Reflection

What is something that I accomplished this year that I am truly proud of?

•This year, I accomplished the expansion of my non-profit organisation, Virsaa. Virsaa is a non-profit organisation working towards leading women out of poverty and onto a pathway of financial independence. As of 2022, Virsaa officially has 50 employees, which is a drastic growth from its initial 5. I am truly proud of this and I hope for it to continue to grow in the future.

What am I looking forward to in the next Grade?

•I look forward to the personal project exhibition, and working towards my project goal.

Have I achieved the goal I had set for myself at the beginning of the term?

•My goal was to manage my time better and submit my assignments punctually, and I am glad to say that I have achieved my goal of doing so. Throughout the semester, I kept a tab on all my assignments and ensured that I would upload them on time, and was successful in doing so.

What have I discovered about myself as a learner?

•Now that we are at the conclusion of this term, I have learnt that I am a balanced learner and enjoy balancing sports and learning equally. I learnt that there is an extent to which one should learn or play, and have learnt to manage my time better as both a learner and a tennis player.






























Attendance

Semester	Enrolled	Attended	Absences
Semester 2	74	65	9

Summary of Achievement

Subject	Teacher	Criterion (Max - 8)				Final Grade Max - 7	Effort Grades
		A	B	C	D		
English	Nivedita Rawat	7	7	7	7	7	-
Hindi	Laxmi Yadav	7	6	7	7	6	-
History	Savneet Kaur	7	6	6	7	6	-
Geography	Juhi Kapil	8	7	7	7	7	-
Biology	Neha Chaudhary	7	7	6	7	6	-
Mathematics	Deepika Kakkar	5	6	6	5	5	-
Digital Design	Pooja Sachdeva	7	8	7	7	7	-

ATL Skills

Subject	Communication	Social	Self-Management	Research	Thinking
English					
Hindi					
History					
Geography					
Biology					
Mathematics					
Digital Design					



Emergent



Practicing



Proficient

Assessment Explanation

How the student and the work are assessed

The IBO has developed assessment criteria against which the student's work will be assessed.

The student will not be judged against the work of other students, but against assessment criteria which the teacher will show and explain to the student. This will help the student to keep an eye on her / his progress and to see where she / he needs to improve. The descriptors help the student and the teacher to find the student's level of achievement for each criterion

How the final grade is achieved in the IBO grading system

1. There are a set of objectives for each subject to match the assessment criteria.
2. Every subject has four different criteria with numerical bands of 1-8.
3. Grading is based on the level of achievements for each criterion.
4. After having worked out the achievement levels for the different criteria for each subject, the achievement levels are added up. The teacher then applies the grade boundaries to determine the final grade for each specific subject.

Grade Descriptors

7	Consistent and thorough understanding of the required knowledge and skills, and the ability to apply them almost faultlessly in a wide variety of situations. The student consistently demonstrates originality, insight, and analytical thinking. The student produces work of high quality.
6	Consistent and thorough understanding of the required knowledge and skills, and the ability to apply them in a wide variety of situations. The student consistently demonstrates originality, insight, and analytical thinking.
5	Thorough understanding of the required knowledge and skills, and the ability to apply them in a variety of situations. The student occasionally demonstrates originality, insight, and analytical thinking.
4	General understanding of the required knowledge and skills, and the ability to apply them effectively in normal situations. There is occasional evidence of analytical thinking.
3	Limited achievement against most of the objectives, or clear difficulties in some areas. The student demonstrates a limited understanding of the required knowledge and skills and is only able to apply them fully to normal situations with support.
2	Very limited achievement in terms of the objectives. The student has difficulty in understanding the required knowledge and skills and is unable to apply them fully to normal situations, even with support.
1	Minimal achievement in terms of the objectives.
NA	Not Assessed.

Effort Grade Descriptor

A	Exemplary commitment towards work and independently meets all lesson goals; Often volunteers with productive and relevant contributions during class discussions; Takes lesson content further and displays initiative to take inquiry beyond classroom; Always meets deadlines with excellent quality of work; Completely prepared, including having the correct books and equipment.
B	Works well with guidance on organisation and time management to meet lesson goals; With guidance, takes the initiative to make useful contributions; Often takes lesson content further with guided support to take inquiry beyond classroom; Mostly meets deadlines with good quality work; Mostly prepared to learn, including having the correct books and equipment.
C	Usually engages in the lesson but needs reminders to keep on task/lesson goals; Even with guidance, makes some contributions; Usually needs prompts to make connections to take learning and inquiry forward; Sometimes meets deadlines, quality of work is satisfactory; Sometimes unprepared, e.g. forgetting books/equipment.
D	Makes no effort to work independently on lesson goals; Even with guidance and constant reminders making contributions is a challenge; Needs constant support to make connections to take learning and inquiry forward; Rarely meets deadlines, quality of work needs attention; Frequently does not bring books and equipment.

English**Final Grade: 7**

Faculty: Ms. Nivedita Rawat

Course Description

This Semester students started with the unit on 'Macbeth' by William Shakespeare. The focus was on analysis of characters, themes, language choices as well as creative writing. Students studied and enacted various acts and scenes of the play to comprehend the nuances of play – analysis of structure, plot, characters, dialogues, conflict, theme etc. Additionally, the concept of script and monologue writing was taught while comprehending dialogues and soliloquies. Students created short scripts and soliloquies/ interior monologues as class activity, formative and summative. Students were able to think creatively and explore a range of stylistic devices while responding in a structured manner. Students also learnt to create script and interior monologue writing piece using different image prompts. Further, analysis of the text helped students to delve into language choices in the play. A complete understanding of the play and appreciation of language choices is integral to responding to a literary task.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Analysing: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	14 Feb 2022	Summative_Macbeth_MYP4	6	Summative
Quarter 3	28 Mar 2022	MYP 4 Lan. & Lit. SA 2 March 2022	6	Summative
Quarter 4	09 May 2022	EOYA_MYP4_Lang.&Lit.	7	Summative

Aishwarya provides perceptive analysis of the content, context, language, structure, technique, style of text(s) and the relationship among texts, perceptively analyses the effects of the creator's choices on an audience, gives detailed justification of opinions and ideas with a range of examples, and thorough explanations; uses accurate terminology and perceptively compares and contrasts by making extensive connections in features across and within genres and texts.

Criterion B - Organizing: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	28 Mar 2022	MYP 4 Lan. & Lit. SA 2 March 2022	6	Summative
Quarter 4	09 May 2022	EOYA_MYP4_Lang.&Lit.	7	Summative

Aishwarya makes sophisticated use of organizational structures that serve the context and intention effectively, effectively organizes opinions and ideas in a sustained, coherent and logical manner with ideas building on each other in a sophisticated way and makes excellent use of referencing and formatting tools to create an effective presentation style.

Criterion C - Producing text: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	28 Mar 2022	MYP 4 Lan. & Lit. SA 2 March 2022	7	Summative
Quarter 4	09 May 2022	EOYA_MYP4_Lang.&Lit.	8	Summative

Aishwarya produces texts that demonstrate a high degree of personal engagement with the creative process; demonstrates a high degree of insight, imagination and sensitivity and perceptive exploration of, and critical reflection on, new perspectives and ideas, makes perceptive stylistic choices in terms of linguistic, literary and visual devices,

demonstrating good awareness of impact on an audience and selects extensive relevant details and examples to develop ideas with precision.

Criterion D - Using language: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	14 Feb 2022	Summative_Macbeth_MYP4	6	Summative
Quarter 3	28 Mar 2022	MYP 4 Lan. & Lit. SA 2 March 2022	7	Summative
Quarter 4	09 May 2022	EOYA_MYP4_Lang.&Lit.	7	Summative

Aishwarya effectively uses a range of appropriate vocabulary, sentence structures and forms of expression, writes and speaks in a consistently appropriate register and style that serve the context and intention, uses grammar, syntax and punctuation with a high degree of accuracy; errors are minor and communication is effective, spells/writes and pronounces with a high degree of accuracy; errors are minor and communication is effective and makes effective use of appropriate non-verbal communication techniques.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Research		✓	
Communication			✓
Social			✓
Self-Management			✓
Thinking			✓

Faculty Observation

Aishwarya is a promising student with a substantial grasp over the subject. She can analyze different pieces of literature and comment on the use of language and stylistic devices sufficiently. Aishwarya makes sophisticated use of organizational structures to arrange her ideas and opinions coherently. She has learnt how to lend an analytical structure to her critiques. She is an active participant in class activities and discussions. She is always conscious of her deadlines and strives to do better by incorporating feedback. She uses varied range of vocabulary and sentence structures appropriate to the task.

She manages her time effectively as is evident from her submissions. The quality of output in her work is commendable and depicts earnest efforts put forth each time.

Hindi**Final Grade: 6**

Faculty: Ms. Laxmi Yadav

Course Description

In the MYP 4 Hindi course, the focus has been on developing important communication skills in a comprehensible, coherent, and rigorous way. Students have been encouraged to apply their knowledge in a variety of meaningful contexts. Care has been taken that students develop insight into written form and structure, and to intellectually equip them to appreciate the links between concepts in different topic areas. In this semester students have learnt units:

Cultures and communities: This unit was based on the basic components of culture which helped students to develop strong bonding with their family, community, and culture. Students have learnt about the role of language in knowing different cultures. Students understood that the culture of communities can be developed by language. They learnt about different cultures and their practices which are important to developing a global culture. For understanding diversities, they were shown video clippings and reading materials to improve their language skills.

Education: In this unit, students learnt the need for and importance of education for everyone. They also learnt about types of education such as formal, informal, women, child education, and awareness about social issues. This unit also covered empowerment, employment, and social development. They learnt the vocabulary, prepositions, and complex sentence structures in the target language. They had practiced letter, article, and blog formats for expressing their understanding of the topic. These approaches and tools, intrinsically linked with the learner profile attributes, enhance student learning and assist student preparation for the End of semester assessments and beyond.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Listening: 7/8

Aishwarya clearly identifies basic facts, messages, main ideas and supporting details, has excellent awareness of basic conventions, engages thoroughly with the spoken and visual text by identifying ideas, opinions and attitudes and by making a personal response to the text and shows thorough understanding of the content, context and concepts of the text as a whole.

Criterion B - Reading: 6/8

Aishwarya identifies most basic facts, messages, main ideas and supporting details, has considerable awareness of basic aspects of format and style, and author's purpose for writing, engages considerably with the written and visual text by identifying most ideas, opinions and attitudes and by making a personal response to the text and shows considerable understanding of the content, context and concepts of the text as a whole.

Criterion C - Speaking: 7/8

Aishwarya responds in detail and appropriately to simple short phrases and basic information in spoken and/or written and/or visual text, interacts confidently in simple and rehearsed exchanges, using verbal and non-verbal language, uses basic phrases effectively to communicate ideas, feelings and information on a variety of aspects of everyday topics and communicates with an excellent sense of audience.

Criterion D - Writing: 7/8

Aishwarya writes/speaks effectively using a basic range of vocabulary, grammatical structures and conventions accurately; when speaking, uses clear pronunciation and excellent intonation, making communication easy, organizes basic information clearly and uses a range of basic cohesive devices accurately and uses language effectively to suit the context.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Research		✓	
Thinking		✓	
Communication		✓	
Social		✓	
Self-Management		✓	

Faculty Observation

Aishwarya has excellent language acquisition skills and has the capability to understand language nuances very well. She interacts and writes confidently using appropriate grammatical structures effectively in a wide range of contexts. She also engages in discussions which are beyond an individual and are of global significance. She shows a clear sense of the audience and purpose while communicating.

She is an enthusiastic member of the class and shows willingness to learn the language. She shows perseverance on challenging assignments and has scored satisfactory levels in her assessments. Also, she shows readiness for the classes and works towards achieving it

All the very best for your new academic session.

History**Final Grade: 6**

Faculty: Ms. Savneet Kaur

Course Description

This semester the students of MYP 4 History dwelled into the units on History of Inventions and “Individual, Household and Daily Life”. Students looked at history through the lens of Scientific and Medical advancements throughout History. Causes and impacts of various technological innovations on Individuals and societies were researched upon. They also looked at the causes and impacts of technology and governance on daily lives of common people throughout History. Students looked at how the Assembly line not only started the roaring 20s but also the Harlem renaissance. They then looked at how the Cold War rivalries brought about the Counterculture Kids.

The importance of studying history in relation to the time period and its impact was stressed upon for them to develop perspectives. They were guided with regard to the scope of the command terms, structure of the answers and the detailed rubrics of the subject criteria. Skill based questions on evaluation of sources, interpretation of sources and investigation were also practiced.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Knowing and understanding: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	08 Feb 2022	MYP4 History SUM 1 Unit3	7	Summative
Quarter 3	24 Mar 2022	MYP 4 History SUM 2 Unit 3, March	6	Summative
Quarter 4	19 May 2022	MYP 4 History EOYA May 2022	7	EOYA

Aishwarya consistently uses a wide range of terminology effectively and demonstrates excellent knowledge and understanding of content and concepts through thorough, accurate descriptions, explanations and examples.

Criterion B - Investigating: 6/8

Period	Date	Assignment	Level	Type
Quarter 3	08 Feb 2022	MYP4 History SUM 1 Unit3	5	Summative
Quarter 3	24 Mar 2022	MYP 4 History SUM 2 Unit 3, March	7	Summative
Quarter 4	19 May 2022	MYP 4 History EOYA May 2022	3	EOYA

Aishwarya formulates a clear and focused research question and explains its relevance, formulates and follows a substantial action plan to investigate a research question, uses research method(s) to collect and record appropriate, relevant information and evaluates the process and results of the investigation.

Criterion C - Communicating: 6/8

Period	Date	Assignment	Level	Type
Quarter 3	08 Feb 2022	MYP4 History SUM 1 Unit3	7	Summative
Quarter 3	24 Mar 2022	MYP 4 History SUM 2 Unit 3, March	5	Summative
Quarter 4	19 May 2022	MYP 4 History EOYA May 2022	5	EOYA

Aishwarya communicates information and ideas accurately by using a style that is mostly appropriate to the audience and purpose, structures information and ideas in a way that is mostly appropriate to the specified format and often documents sources of information using a recognized convention.

Criterion D - Thinking critically: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	08 Feb 2022	MYP4 History SUM 1 Unit3	6	Summative
Quarter 3	24 Mar 2022	MYP 4 History SUM 2 Unit 3, March	5	Summative
Quarter 4	19 May 2022	MYP 4 History EOYA May 2022	7	EOYA

Aishwarya completes a detailed discussion of concepts, issues, models, visual representation and theories, synthesizes information to make valid, well-supported arguments, effectively analyses and evaluates a range of sources/data in terms of origin and purpose, consistently recognizing value and limitations and thoroughly interprets a range of different perspectives and their implications.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Communication			✓
Social			✓
Self-Management			✓
Research			✓
Thinking			✓

Faculty Observation

Aishwarya exhibits conceptual understanding and critical thinking skills. She has many insightful ideas to share with the class. She actively participates in class discussions and is extremely conscientious. She also has a good grasp on the command terms. Aishwarya is a bright student. She is a willing learner exhibiting keen interest in the subject. She demonstrates knowledge and understanding of subject-specific content and concepts, using descriptions, explanations and examples. She is focused on the task at hand and uses class time constructively, which is clearly reflected through her levels in the assessments.

She is an inquisitive learner and participates enthusiastically in all classroom activities. She is regular with the submissions, completing them in a timely manner and putting her best effort in all the assignments. She interacts well with peers, and contributes thoughtfully to class discussion. She uses higher level thinking strategies to apply learned skills while completing the assignments. She is extremely motivated and completes all the activities in an organized manner.

Geography**Final Grade: 7**

Faculty: Ms. Juhi Kapil

Course Description

The second semester started with the unit on "Population and Urban Systems". In this unit the students learnt about distribution of population across the world, identifying sparsely populated and densely populated regions on the world map and understanding the factors behind this distribution. Factors affecting population growth were discussed, highlighting the reasons for high birth rate in developing nations and low birth rate in developed nations, along with the corresponding government policies. The interpretation of population pyramids was taught with reference to developing and developed countries. Problems and possible solutions of old and young dependents were discussed. Migration being the most important factor of population growth, was discussed with the reasons and impact of migration, with reference to examples of some major migratory movements.

Population dynamics was linked with the growth of settlements. With the help of case studies, population hierarchy, classification of settlements and factors affecting settlements were discussed. Reasons for urbanisation, problems of urbanisation and possible solutions were discussed with reference to some major megacities. The features of sustainable cities and smart cities were also explained.

The second unit on Resource Management considered the importance of land, water and energy. Students discussed how humans were harming these major natural resources and what we could do to use them sustainably. The concept of linear and circular economy was explained with the help of tables and diagrams. The importance of changing patterns of consumption was highlighted by explaining the food-water-energy nexus.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Knowing and understanding: 8/8

Period	Date	Assignment	Level	Type
Quarter 3	15 Feb 2022	MYP4 Geo SA1 Feb 2022	5	Summative
Quarter 3	28 Mar 2022	MYP4 Geo SA2 March 2022	8	Summative
Quarter 4	16 May 2022	MYP 4 Geography EOYA	7	EOYA

Aishwarya consistently uses a wide range of terminology effectively and demonstrates excellent knowledge and understanding of content and concepts through thorough, accurate descriptions, explanations and examples.

Criterion B - Investigating: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	15 Feb 2022	MYP4 Geo SA1 Feb 2022	1	Summative
Quarter 3	28 Mar 2022	MYP4 Geo SA2 March 2022	4	Summative
Quarter 4	16 May 2022	MYP 4 Geography EOYA	7	EOYA

Aishwarya formulates a clear and focused research question, thoroughly justifying its relevance with appropriate evidence, formulates and effectively follows a comprehensive action plan to investigate a research question, uses research methods to collect and record appropriate, varied and relevant information and thoroughly evaluates the investigation process and results.

Criterion C - Communicating: 7/8

Period	Date	Assignment	Level	Type
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Quarter 3	15 Feb 2022	MYP4 Geo SA1 Feb 2022	5	Summative
Quarter 3	28 Mar 2022	MYP4 Geo SA2 March 2022	8	Summative
Quarter 4	16 May 2022	MYP 4 Geography EOYA	6	EOYA

Aishwarya communicates information and ideas effectively and accurately by using a style that is completely appropriate to the audience and purpose, structures information and ideas in a way that is completely appropriate to the specified format and consistently documents sources of information using a recognized convention.

Criterion D - Thinking critically: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	15 Feb 2022	MYP4 Geo SA1 Feb 2022	5	Summative
Quarter 3	28 Mar 2022	MYP4 Geo SA2 March 2022	7	Summative
Quarter 4	16 May 2022	MYP 4 Geography EOYA	7	EOYA

Aishwarya completes a detailed discussion of concepts, issues, models, visual representation and theories, synthesizes information to make valid, well-supported arguments, effectively analyses and evaluates a range of sources/data in terms of origin and purpose, consistently recognizing value and limitations and thoroughly interprets a range of different perspectives and their implications.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Thinking			✓

Faculty Observation

Aishwarya is a self-motivated student. She stays focused on the task at hand and uses class time constructively which is clearly reflected through her levels in the assessments. Her organizational ability can be seen in the neat and detailed work done by her. She also structures information and ideas completely according to the task instructions.

She is an inquisitive learner and participates enthusiastically in all classroom activities. She is regular with the submissions, completing them in a timely manner and putting her best effort in all the assignments.

Biology**Final Grade: 6**

Faculty: Ms. Neha Chaudhary

Course Description

This semester, the students of MYP 4 Biology delved deep into the diverse concepts of Genetics and Ecology. The students learnt that their identity and relationships with other people are determined by genetic factors; scientific evidence helps to understand observed patterns of inheritance. They understood the importance of DNA and where life's diversity comes from. They strengthened their ATL skills of research, thinking and communication through various interactive sessions held during the lessons. In the last quarter of the semester, they also learnt about the various levels of the organization in Ecology and what it takes to be sustainable, which is a burning issue. They explored various case studies related to the topics covered and could relate to real-life situations. Students elaborated their understanding of the environment by learning about ecology, biodiversity, pollution, conservation, and evolution. They were assessed on all four criteria A, B, C and D during both the quarters of this semester and EOYA.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Knowing and understanding: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	14 Feb 2022	SA1_Bio_Feb22	6	Summative
Quarter 3	22 Mar 2022	SA2_MYP4Bio_March22	7	Summative
Quarter 4	10 May 2022	MYP4 Biology-EOYA-May22	7	Summative

Aishwarya explain scientific knowledge, applies scientific knowledge and understanding to solve problems set in familiar and unfamiliar situations and analyses and evaluate information to make scientifically supported judgments.

Criterion B - Inquiring and designing: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	22 Mar 2022	SA2_MYP4Bio_March22	8	Summative
Quarter 4	10 May 2022	MYP4 Biology-EOYA-May22	6	Summative

Aishwarya explain a problem or question to be tested by a scientific investigation, formulate and explain a testable hypothesis using correct scientific reasoning, explain how to manipulate the variables, and explain how sufficient, relevant data will be collected and design a logical, complete and safe method in which he or she selects appropriate materials and equipment.

Criterion C - Processing and evaluating: 6/8

Period	Date	Assignment	Level	Type
Quarter 3	22 Mar 2022	SA2_MYP4Bio_March22	7	Summative
Quarter 4	10 May 2022	MYP4 Biology-EOYA-May22	6	Summative

Aishwarya correctly collect, organize and present data in numerical and/or visual forms, accurately interpret data and explain results using scientific reasoning, discuss the validity of a hypothesis based on the outcome of a scientific investigation, discuss the validity of the method based on the outcome of a scientific investigation and describes improvements or extensions to the method that would benefit the scientific investigation.

Criterion D - Reflecting on the impacts of science: 7/8

Period	Date	Assignment	Level	Type
Quarter 3	14 Feb 2022	SA1_Bio_Feb22	7	Summative
Quarter 4	10 May 2022	MYP4 Biology-EOYA-May22	7	Summative

Aishwarya explains the ways in which science is applied and used to address a specific problem or issue, discusses and evaluates the implications of using science and its application to solve a specific problem or issue, interacting with a factor, consistently applies scientific language to communicate understanding clearly and precisely and documents sources completely.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Communication			✓
Social			✓
Self-Management			✓
Research			✓
Thinking			✓

Faculty Observation

Aishwarya can apply scientific knowledge to solve problems set in familiar as well as unfamiliar situations. Can design a logical, complete and safe method around selected variables to reach a conclusion supported by scientific reasoning. Data interpretation is supported by relevant scientific reasoning. Also, can propose improvements based on the validity of the designed investigation.

Consistently apply scientific language to communicate results and document sources correctly.

She is a self-directed, focused and responsible student. She is open to suggestions and would incorporate those as well. She is good in both conceptual understandings as well as in problem-solving skills. She enjoys all aspects of science and demonstrates a sound understanding of basic concepts. She is honest towards her learning and focuses on her mistakes and tries to understand her areas for improvement. She is attentive in class and regular with her submissions.

Mathematics**Final Grade: 5**

Faculty: Ms. Deepika Kakkar

Course Description

During this semester, students worked in Standard mathematics, which aims to give all students a sound knowledge of basic mathematical principles while allowing them to develop the skills needed in Mensuration, Trigonometry, Statistics, Radicals and Sequences. Students in Extended mathematics, in which the standard mathematics framework was supplemented by few additional topics and skills covered in the same topics with greater depth. The students were engaged in learning Mensuration through asynchronous learning tools like Transum and simulations on Desmos. They seemed excited to perform quizzes on Quizizz as entry and exit tickets. Students learned to comprehend and solve word problems of Height and Distance.

In the beginning of the semester the students of were introduced to the new Unit: Reasoning with data through KWHL activity in which they need to write what they know, how they want to know about statistical analysis of data. Later they were introduced to the statistical Research Project which is based upon the inquiry-based, survey process. The driving question was "Will Hybrid cars rule Indian roads?". In this PBL the students will create a questionnaire, survey people, analyze data, and create a visual to describe their results. Finally, they created an advertisement for print media or in video format and forward it to the survey audience promoting a particular brand.

The concepts of Algebra were revised with the help of various worksheets on Wizemen and asynchronous learning tools. The task sheet on Mensuration aimed at students finding solutions to explain the requirement for a reliable mobile phone signal through calculations including areas and making inferences. The students gained understanding of the concept of bearings and its real-life applications. While other assessments aimed at developing critical problem-solving methods. Overall, Students selected and applied mathematics to solve problems in both familiar and unfamiliar situations in a variety of contexts, demonstrating knowledge and understanding of the framework's branches in trigonometry.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Knowing and understanding: 5/8

Period	Date	Assignment	Level	Type
Quarter 4	12 May 2022	MYP 4 Mathematics EOYA 2022	4	Summative

Aishwarya selects appropriate mathematics when solving challenging problems in familiar situations, applies the selected mathematics successfully when solving these problems and generally solve these problems correctly in a variety of contexts.

Criterion B - Investigating patterns: 6/8

Period	Date	Assignment	Level	Type
Quarter 4	12 May 2022	MYP 4 Mathematics EOYA 2022	6	Summative

Aishwarya selects and applies mathematical problem-solving techniques to discover complex patterns, describes patterns as general rules consistent with findings and verify the validity of these general rules.

Criterion C - Communicating: 6/8

Period	Date	Assignment	Level	Type
Quarter 4	12 May 2022	MYP 4 Mathematics EOYA 2022	5	Summative

Aishwarya usually use appropriate mathematical language, usually use appropriate forms of mathematical representation

to present information correctly, usually move between different forms of mathematical representation, communicate through lines of reasoning that are complete and coherent and present work that is usually organized using a logical structure.

Criterion D - Applying mathematics in real-life contexts: 5/8

Period	Date	Assignment	Level	Type
Quarter 4	12 May 2022	MYP 4 Mathematics EOYA 2022	3	Summative

Aishwarya identify the relevant elements of the authentic real-life situation, selects, with some success, adequate mathematical strategies to model the authentic real-life situation, applies mathematical strategies to reach a solution to the authentic real-life situation, discuss whether the solution makes sense in the context of the authentic real-life situation and explain whether the solution makes sense in the context of the authentic real-life situation.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Communication		✓	
Social		✓	
Self-Management		✓	
Research		✓	
Thinking		✓	

Faculty Observation

Aishwarya was able to select appropriate mathematical strategies when solving challenging problems in familiar situations only, needs to extend these skills in unfamiliar situations and her solutions show considerable clarity in numbers and algebra. She can select and apply mathematical problem-solving techniques to discover complex patterns, describes patterns as general rules consistent with findings and is also able to verify the validity of these general rules. Her written work suggests considerable clarity in the usage of appropriate mathematical language and attempts to present her work that is usually organized using a logical structure. While working with problems related to real-life context she is able to identify the relevant elements of the authentic real-life situation and select adequate mathematical strategies to reach a valid solution to the authentic real-life situation. She understands the degree of accuracy of the solution but needs to make clear connections writing it meaningfully in the context of the problem and explain whether the solution makes sense in the context of the authentic real-life situation in detail.

She is a conscientious student of mathematics. She always puts in a sterling effort and never fails to hand in work punctually and of consistent quality.

Digital Design**Final Grade: 7**

Faculty: Ms. Pooja Sachdeva

Course Description

During the Second Semester, students explored the concepts of App Development using the software Flutter. They created utility apps based on the concept of Sustainability and linked them to Sustainable Development goals identified at the commencement of the Unit. Students were then exposed to the nuances of coding an app using a GUI programming interface comprising of basic features like adding images, and buttons, navigating between pages, connecting to various other external hyperlinks, and viewing outcomes using the emulator. Students covered all the strands of the Design cycle in the unit "Tap the app" which gave them an insight into the basic fundamentals of programming an app using Dart language providing them with a glimpse into real-world programming.

Grade Boundaries

Criteria Score	0-5	6-9	10-14	15-18	19-23	24-27	28-32
Grade	1	2	3	4	5	6	7

Criterion A - Inquiring and analysing: 7/8

Aishwarya explains and justifies the need for a solution to a problem for a client/target audience, constructs a detailed research plan, which identifies and prioritizes the primary and secondary research needed to develop a solution to the problem independently, analyses a range of existing products that inspire a solution to the problem in detail and develops a detailed design brief, which summarizes the analysis of relevant research.

Criterion B - Developing ideas: 8/8

Aishwarya develops design specifications, which outline the success criteria for the design of a solution, develops a range of feasible design ideas, using an appropriate medium(s) and annotation, which can be interpreted by others, presents the chosen design and justifies its selection with reference to the design specification and develops accurate planning drawings/diagrams and lists requirements for the creation of the chosen solution.

Criterion C - Creating the solution: 7/8

Aishwarya constructs a detailed and logical plan, which describes the efficient use of time and resources, sufficient for peers to be able to follow to create the solution, demonstrates excellent technical skills when making the solution, follows the plan to create the solution, which functions as intended and is presented appropriately and fully justifies changes made to the chosen design and plan when making the solution.

Criterion D - Evaluating: 7/8

Aishwarya designs detailed and relevant testing methods, which generate data, to measure the success of the solution, critically evaluates the success of the solution against the design specification based on authentic product testing, explains how the solution could be improved and explains the impact of the product on the client/target audience.

Approaches to Teaching and Learning

ATL Skill	Emergent	Practicing	Proficient
Self-Management		✓	
Communication			✓
Research			✓

Faculty Observation

Aishwarya is a well-behaved and intelligent student. She is very attentive in class and is able to carry out all the tasks with expertise. She created very innovative and fully annotated designs and product in the current unit Tap the App.

She has a very clear understanding of each strand and needs to put in some more efforts in the subject to attain greater heights.