



# APOLLO NATIONAL PUBLIC SCHOOL

## Project Submission-2021-22 Class-9

ICSE KA 083

Sl.no	Subject	Topic	Rough copy submission date	Final copy submission date
1	English 1	Oral- 10m Each student is required to make an oral presentation for about two minutes. Subjects for presentation may include narrating an experience, providing a description, giving directions how to make or operate something, expressing an opinion, giving a report, relating an anecdote or commenting on a current event. A student may refer to brief notes in the course of the presentation but reading or excessive dependence on notes will be penalized. Aural- 10m A passage of about 300 words is read aloud by the teacher twice, the first time at normal reading speed (about 110 words a minute) and the next time at a slower speed. Candidates may make brief notes during the readings. They then answer an objective type test based on the passage, on the paper provided.	(Twice in the year before Mid- term and Annual Examination)	(Twice in the year before Mid- term and Annual Examination)
	English 2	Assignments are given as and when the Prose, Poetry and Drama are taught. Topics can be based on the text taught, character analysis or thematic analysis.  Two or three assignments of approximately 300 to 400 words each.  (not exceeding 1500 words in total).	(Twice in the year before Mid- term and Annual Examination)	(Twice in the year before Mid- term and Annual Examination)
2	Kannada	ತಾಯ್ದೆ ಹೋಜನೆ. ಅಯ್ದೆ ವಿಷಯ 1. ಕನಾಯುಟಕರೆ ಪ್ರಸಿದ್ಧ ಬ್ರದಾಸಿ ಸ್ಥಳಗಳ ಕರುಪರಿಜಯ.	June	June
3	Hindi	चित्र लेखन , व्याकरण , पत्र लेखन  कहानी । एकातांकी - कथा वस्तु , विरत्र चित्रण , उद्देश्य , शीर्षक की साथेकता	June	June

4	H & C	Students can select ANY ONE OF THE TOPICS 1.'The Indian Constitution protects the rights of children, women, minorities and weaken sections'. Elaborate on the basis of a case study. 2. Make a pictorial presentation of inventions and innovations as a result of the Industrial Revolution'. 3. Make a comparative study of the Harappan and the Mesopotamian Civilisation	July	July
5	ES	TOPICS – Below are the topics to be considered for project and Case study.  1) Project – Where have all the sparrows gone?  2) Case Study – a) Study different kinds of existing ecosystems like the Sundarbans, The sholas,, rainforests, scrub forests etc. for the biodiversity they contain and the pressures they face. (Preferably an ecosystem nearby.) b) Child labour reports / The case of Bt Cotton (any1)	August	August
6	MMC	<b>Students need to do all four projects, 25 marks each.</b> 1. 1. Design a <b>poster</b> for a nearby restaurant. 2. 2. Create a <b>power point presentation on different forms of Communication</b> . 3. 3. Design the <b>front page of a newspaper</b> , taking into consideration eye movement along the page, weight distribution, importance of the news items and advertisements. 4. 4. Group work- <b>Act as sales representatives</b> and try to sell a product or service to the rest of the class/school. You can use coupons to act as a form of currency.	August	August
7	Economic Applications	<b>Topics:</b> Below are listed the topics to be considered for the project. Students are required to do all the projects on given topics, each project carries 25 marks.  1) A consumer awareness on packaged or loose foods, effects of food adulteration and consumer forum and overall idea on consumer rights. 2) A comparative study between developed and developing country in referring to USA and INDIA respectively. It provided data about infrastructure so on. 3) An interlinked world which refers to Globalization. It consists of its impacts on the world as well as India. 4) Make a presentation on the central problems an economy faces. Explain these with reference to the Indian economy.	August	August
8	Chemistry	Submission of Practical manual for each Month.		Every Month
9	Biology	Submission of Practical manual for each Month.		Every Month

10	Physics	Submission of Practical manual for each Month.		Every Month
11	Geography	<p>TOPICS -BELOW ARE LISTED THE TOPICS TO BE CONSIDERED FOR THE PROJECT STUDENTS ARE REQUIRED TO SUBMIT THE PROJECT ON ANY ONE TOPIC .</p> <p>1.WEATHER RECORDS 2. METEOROLOGICAL INSTRUMENTS AND THEIR USES.</p>	September	September
12	Mathematics	<p>Project: 1</p> <p><b>Topic: Mathematics Article: Draft an article about mathematics including mathematicians, Article should me minimum 2 pages.</b></p> <p>Write three important things you learned from the article.</p> <p>Project: 2</p> <p><b>Topic: To use flat cut-outs to form cube, cuboid and cylinder to obtain formula for volume and total surface area.</b></p> <p>Content in sequence:</p> <p>introduction Objectives</p> <p>Meaning of area and volume</p> <p>Derive formula using flat cut-outs</p> <p>Conclusion</p>	October	October
13	Computer Applications	<p><b>Computer Applications project for class 9 will be given from the month of July to October, according to the concepts the program questions will be assign to the students to execute and write those programs in the classwork and in the month of November. Students have to make these programs as a fair copy in the record provided. Students have to write 20 java programs in the record.</b></p>		<p><b>They have to complete it in the month of November.</b></p>