

PALLADIUM SCHOOL, HISAR
SESSION 2024-25
HOLIDAYS HOMEWORK
GRADE 9

SUBJECT	HOMEWORK
ENGLISH	Do any two topics of your choice from the English homework given below on Coloured A4 Sheets and prepare a file/folder of it:- 1) Reading Skills:- Read Biographies of any Two Eminent Personalities. Draw a Picture Profile of the story. Write the Book Review and the Synopsis of the Book. 2) Writing Skills:- Write a Story based on the given cues:- A girl/boy.... enrolled in dream college.... made friends.... had fun.... could not study.... got poor marks.... became determined.... achieved success. Give a suitable Title and write the Moral of the Story. 3) Poem:- Write any one Poem in a Beautiful Handwriting and write its Critical Analysis and the Moral of the Poem: ‘The Road Not Taken’ OR ‘Wind’.
HINDI	• विभिन्न क्षेत्रों में अपना अभूतपूर्व योगदान देने वाले 10 दिव्यांग व्यक्तियों के कार्यों का उल्लेख चित्र के माध्यम से करके एक प्रोजेक्ट फाइल तैयार कीजिए। • कक्षा में करवाए गए संपूर्ण कार्य की दोहराई कीजिए।
MATHS	Do the given worksheet. Roll no. 1 to 6 : Make a probability based kasino Roll no. 7 to 12 :Model representing coordinate plane Roll no. 13 to 18: Model to prove $(a + b)^3$ Roll no. 19 to 24: Model to prove $(a - b)^3$ Roll no. 25 to 30: Model to prove pythagoras theorem

SCIENCE

- **Biology-Prepare POWERPOINT PRESENTATION on the following organelles.**

Points to be Included: Information about the topic; Animation video/ diagrams (colorful); Some exceptions or uniqueness about that particular organelle.

- Cell Membrane (Roll No. 1 to 8)
- Cell Wall (Roll no 9 to 16)
- Osmosis (Roll no 17 to 24)
- Diffusion (Roll no 25 to 32)

- **Physics: Revise chapter-7 Motion done in class.**

Prepare a working model of an

- (a) Astronomical telescope(roll no.1 to 10)
- (b) Drone11 to 20)
- (c) Solar lamp(21 to 30).

- **Chemistry:**

(Roll No. 1 to 8)- Prepare a project report on various samples of (a) a mixture, (b) a compound, (c) an element [metal and non-metal], (3 of each category) highlighting the main characteristics features of elements, compounds & mixtures.

(Roll no 9 to 16)- Prepare a report on 4th & 5th state of matter

(Roll no 17 to 24) - Make a two page pamphlet (use A4 sized sheets) highlighting recent discoveries and innovations in the field of Chemistry.

(Roll no 25 to 32) Prepare a working model of periodic table.

SOCIAL SCIENCE	All students have to compulsory do any one social science project on the following topics: Disaster Management:Take up a case study and make your project report (for example Delhi in seismic zone 4, Uttrakhand flood). OR Heritage India:(Take up a case study and make your project report (for example Kailasha Temple, history of Indian parliament house,Rajpath to Kartavya path etc.) General instructions: 1) The project must be handwritten,done on separate loose sheets neatly. 1. The file should contain the following: a) Name ,Class and section of the student on the cover page. b) The file should have one page each. for: i) Acknowledgement ii) Preface iii) Main content iv) Bibliography
IT	Using Open Office Writer features, prepare your own BIO-DATA. Points to include in Bio-data: 1. Personal Details with passport size pic 2. your strength and weakness 3. Achievements 4. Ambitions 5. Hobbies 6. Languages Known etc.
SANSKRIT	भारतवसंतगीति : ' पाठ के 2 श्लोक A4 शीट पर अर्थ सहित लिखें व याद करें।
PUNJABI	(ੳ - ੳ) ਤਕ ਪੰਜਾਬੀ ਵਰਣਮਾਲਾ ਤਿਨ ਵਾਰ ਲਿਖੋ. ਦੋ ਅਖੱਰਾਂ ਦੇ ਦਸ ਸ਼ਬਦ ਲਿਖੋ. ਤਿਨ ਅਖੱਰਾਂ ਦੇ ਦਸ ਸ਼ਬਦ ਲਿਖੋ.