



W.H. Smith Memorial School

HOLIDAY HOMEWORK

CLASS 6

Building a Better Future
Through Learning and Action

4 QUALITY
EDUCATION

Learn today,
Lead tomorrow.

8 DECENT WORK AND
ECONOMIC GROWTH

Work with purpose,
Grow with progress.

Guidelines for Homework

1. All projects must be handwritten.
2. Do the homework on file pages.
3. The cover page should show the School's name, Logo, Student's name, Class, Section and Subject.
4. The second page should be about acknowledgement.
5. Each topic should be written on a new page.
6. Marks will be deducted for spelling and grammatical errors.
7. Submit the homework in a handmade file cover.
8. Each subject carries 15 marks.

ENGLISH LANGUAGE

1. Imagine you are working in a factory, when one of your co-workers is kidnapped. If you were Hercule Poirot, how would you investigate and trace your co-worker? Explain the steps you would take care and identify what you have learnt from the story in connection with SDG 8 – Decent work and economic growth.
2. Education Tree to show how education helps a person grow and succeed in life. Draw and label different parts of the tree with ideas, related to learning, values, goals and achievements.
3. Choose anyone of the following topics and create a story map based on it:
 - The Questions
 - Peril at End House

Use the following headers: Title of the story, setting – place and time, beginning, problem / conflict, major events, climax, solution, ending, moral.

ENGLISH LITERATURE

1. If you were an education minister, write **five policies** which you want to include in the education system and **any five policies** which you want to change in the favour of the children in the education system.
2. Write a paragraph on the World Economy forum, its president and its contribution to the world's economy.
3. Transform the following sentences as per the instructions given in the brackets:
 - a. Mohan plays cricket every evening. (Change into interrogative sentence)
 - b. We can trust him. (Change into interrogative sentence)
 - c. She was cooking dinner. (Change into interrogative sentence)
 - d. They have finished the project. (Change into interrogative sentence)
 - e. You will help me tomorrow. (Change into interrogative sentence)
 - f. How brightly the stars shine! (Change into assertive sentence)
 - g. What a clever girl Riya is! (Change into assertive sentence)
 - h. How beautiful the rainbow looks! (Change into assertive sentence)
 - i. What an interesting story it is! (Change into assertive sentence)
 - j. How politely the teacher spoke! (Change into assertive sentence)

4. Translate the given paragraph into English and give a suitable title to it.

रोहन एक आलसी लड़का था। वह हमेशा अपना समय खेलने में बिताता था। उसकी माँ उसे रोज पढ़ाई करने के लिए कहती थीं, लेकिन वह उनकी बात नहीं सुनता था। परीक्षा के दिन पास आ गए, फिर भी रोहन ने पढ़ाई नहीं की। जब परीक्षा शुरू हुई, तो उसे प्रश्नों के उत्तर नहीं आए। वह बहुत परेशान हो गया। परीक्षा में उसके कम अंक आए। तब उसे अपनी गलती का एहसास हुआ। उसने निश्चय किया कि अब वह समय पर पढ़ाई करेगा और मेहनत करेगा।

HINDI LANGUAGE

1- आप यदि कहीं कार्यरत हैं तो अपने रोजगार से आप क्या अपेक्षाएं रखते हैं जिससे आपका भविष्य सुरक्षित रह सके और आपका सतत विकास हो, इस बात को स्पष्ट करते हुए 350 शब्दों में निबंध लिखिए।

2- प्रथम इकाई पाठ्यक्रम के अनुसार 5-5 पर्यायवाची, विलोम, वाक्यांशों के लिए एक शब्द तथा समश्रुत भिन्नार्थक शब्दों को अर्थ सहित लिखते हुए उनका वाक्य में प्रयोग कीजिए।

3- निम्नलिखित पंक्तियों का हिंदी में अनुवाद कीजिए-

A farmer bought a well from his neighbour. When he went to draw water, the neighbour said, "I sold you the well, not the water inside it."

The farmer went to the judge. The judge told the neighbour, "If you sold the well but not the water, then you must remove your water from my farmer's well immediately."

The neighbour realized his mistake and apologized.

Moral: Trying to be clever and unfair always backfires.

HINDI LITERATURE

1. पौंगल पाठ से आप क्या समझते हैं ? इससे संबंधित लोकगीत , नृत्य , खानपान , पहनावा, मनाने के तरीके आदि का संग्रह कीजिए तथा चित्र लगाइए ।

2. शिक्षा के माध्यम से पर्यावरण संरक्षण का संदेश कैसे दिया जा सकता है आपके अनुसार भविष्य की शिक्षा कैसी होनी चाहिए ? एक पत्रिका का निर्माण कीजिए ।

3. शिक्षा हमारे जीवन को सफल बनाने में किस प्रकार सहायक होती है ? 'सबके लिए शिक्षा ' के महत्त्व पर एक विज्ञापन तैयार कीजिए।



MATHEMATICS

1. Research the literacy data of two states (Uttar Pradesh and Kerala).
 - a) Write the literacy numbers in Indian System of numeration and International System of numeration.
 - b) Round off the numbers to nearest Lakhs and nearest Millions.
 - c) Compare literacy data of two fiscal years (2020–21 and 2024–25)

2. Design an inclusive sign stadium entrance with ramp, stairs and handrails.
 - a) Draw two parallel lines representing the handrails and transversal line representing the ramp.
 - b) Label and measure one pair of alternate interior angles and one pair of corresponding angles.
 - c) The ramp must form an Acute Angle with the ground. Measure and write the angle.

3. Application Based Questions

i.: During an education awareness campaign, two countries reported the following number of students enrolled in schools:

Country A: 4,58,76,245 students and Country B: 3,95,48,920 students.

- a. Write both numbers in the International System of Numeration.
- b. Which country has more students enrolled?
- c. Find the difference between the two numbers.
- d. Round off the larger number to the nearest lakh.
- e. Write the successor of 3,95,48,920.

ii : A stationery shop sells notebooks in bundles. One bundle contains x notebooks.

- a. Write an algebraic expression for notebooks in 7 bundles. (1 mark)
- b. If one notebook costs ₹15, write the expression for the total cost of 7 bundles.
- c. Find the number of notebooks when $x = 9$. (1 mark)
- d. Find the total cost when $x = 9$. (1 mark)
- e. Identify the variable in the expression. (1 mark)

Q.iii : A playground has two straight boundary lines, one curved jogging track and a flag pole standing at one corner.

- a. Name the geometrical concept represented by the boundary lines.
- b. What type of line is the jogging track?
- c. Draw and label a line segment AB representing one side of the playground.
- d. Name the point represented by the flag pole.
- e. Can two line segments meet at a point?

Competency based questions:**The Leaf**

1. A student keeps a potted plant in a dark room for two days and then places one of its leaves in sunlight with part of it covered by black paper.
 - a) What will happen to the covered and uncovered parts of the leaf after a starch test?
 - b) Which process of the leaf does this activity demonstrate?
 - c) Why is sunlight essential for this process?

The Flower

2. A gardener notices that bees frequently visit the bright, fragrant flowers in the garden.
 - a) What role do bees play in the life cycle of a flower?
 - b) Which part of the flower receives pollen during this process?
 - c) How does this interaction benefit both plants and bees?

Leaf–Flower Connection

3. A student observes that leaves prepare food, while flowers help in reproduction.
 - a) How does the food made by leaves support the development of flowers and fruits?
 - b) Which part of the flower develops into fruit after fertilisation?
 - c) Why is the coordination between leaf and flower functions important for the survival of plants?

Activity and Research based question:

Q. Activity: Collect two different types of flowers (one complete flower like hibiscus, and one incomplete flower like maize). Carefully observe and draw their diagrams, labelling all visible parts.

Research Extension: Compare the two flowers based on the presence or absence of whorls (sepals, petals, stamens, carpels). Write a short note explaining how the differences affect their reproduction and pollination strategies.

Competency-Based Questions:

1. **Measuring Air as Matter** A student inflates a football and notices that it feels heavier than before.
 - a) What does this observation prove about air?
 - b) Which property of matter is demonstrated here?
 - c) Suggest an experiment to measure the mass of air more accurately.

2. **Density in Everyday Life** A block of iron and a block of wood of the same size are compared. The iron block feels heavier.
 - a) Which physical quantity explains this difference?
 - b) How can you calculate the density of each block?
 - c) Why is density considered a characteristic property of matter?

3. **Accuracy in Measurement** A student measures the length of a pencil using a ruler and records it as 12 cm. Another student measures the same pencil and records 12.2 cm.
 - a) Why is there a difference in readings?
 - b) Which physical quantity is being measured here?
 - c) How can the accuracy of measurement be improved in this case?



CHEMISTRY

Competency based questions:

- 1. Chemistry in Daily Life** You see rust forming on an iron gate during the rainy season.
 - a) Which branch of chemistry studies this change?
 - b) What does this example show about the importance of chemistry in everyday life?
 - c) Suggest one way to prevent rusting using your knowledge of chemistry.
- 2. Role of Chemistry in Health** A doctor prescribes a medicine to cure fever.
 - a) How does chemistry help in the preparation of medicines?
 - b) Why is it important to know the composition of a medicine before using it?
 - c) Give one example of a chemical substance used in medicines.
- 3. Laboratory Safety and Application** A student enters the chemistry laboratory and sees bottles labelled “Acid” and “Base.”
 - a) Why is labelling important in a chemistry lab?
 - b) What safety rules should the student follow while handling these substances?
 - c) How does the study of chemistry help us understand the difference between acids and bases?

History Homework - SDG 4: Quality Education and SDG 8 Decent Work and Economic Growth

Instructions for Students

Make the project on an A4 sheet or chart paper.

Add drawings/pictures wherever possible.

Use headings and colourful presentation.

Q1. Design a Civilization School

- a. Imagine you are opening a school in **the Indus valley civilization**
- b. Draw a design of the school.
- c. Draw a logo of the school.
- d. What subjects would you want to be taught in the school.
- e. What materials do you think children will use to write.
- f. How would you do the seating arrangement considering it is a co-educational school.
- g. What rules you will make for the students.
- h. Make a time table which according to you a class 6 student of your school should follow.
- i. Write three lines explaining how your school supports **SDG4 : Quality Education.**

Q2. The people of Mesopotamian Civilization worked as farmers, traders, craftsmen, builders, and scribes. Some people were wealthy while others worked very hard for low rewards.

Imagine you are a young citizen living in Mesopotamia.

Create a mini project explaining:

- a. What kinds of jobs people did in Mesopotamia.
- b. Which workers were treated fairly and which were not.
- c. How trade and farming helped the economy grow.
- d. Two problems related to inequality among people.
- e. Suggest two ideas to make workplaces fairer and improve equality according to SDG 8.

Q3. During heavy rainfall, modern cities often face waterlogging problems. Compare this situation with the drainage system of the Indus Valley Civilization. What lessons can modern cities learn from this civilization?

Write your answer in minimum **5 points** and underline the **keywords**



GEOGRAPHY



1. Pick 5 holiday destinations worldwide. Find their exact latitude and longitude using a Google Map and mark them on a blank map.
2. Research and create a Compare & Contrast Chart highlighting how landforms influence human life.
3. Research three countries that have high literacy rates and three countries that are currently experiencing educational challenges. For the three countries facing challenges, propose potential solutions to improve their educational systems.

COMPUTER

Q1. Write the steps to create a table in MS Word of 10 Rows and 4 Columns using Insert Table method (as shown in the figure given below) and do the following task

- Write the steps to Merge the first row and give the heading Sustainable Development Goals.
- In Second Column of the table list any ten technology names which play important role in achieving the **SDGs 4 Quality Education**.
- In third Column mention the uses of technology which you have mentioned in the first column.
- In fourth Column mention the Unique feature of the technology.
- In fifth column insert the picture of the technology.

Sustainable Development Goals				
S.No	Technologies Involved	Uses of technology	Unique feature	Picture
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Q2. Describe in detail the different categories of computers. Use the following points to describe:

- About each generation
- Technology used in each generation.
- Name the languages developed.
- Examples of different computers developed in particular generation.
- Limitation if any.

Q3. Sustainable Development Goal 8 (SDG 8) aims to promote "**Decent Work and Economic Growth**" for everyone. Decent work means that people have safe jobs, fair pay, and a workplace where they are respected. To celebrate the hard-working people in their community, Class 6 students decided to use the **Mail Merge** feature in MS Word to create personalized thank-you letter for local workers

Perform the following

1. Write the steps to create mail merge.
2. If you have 10 drivers, how many Records will your data source have?
3. Name one Merge Field you would insert into your letter.



Make 2 beautiful book marks by using cello tape and fresh flowers

