

Burn Hall School
Winter Assignment (2025-2026)
Grade 7

Mathematics

1. Make a model to show that if two parallel lines are intersected by a transversal then
 - a) Each pair of corresponding angles is equal.
 - b) Each pair of alternate angles is equal
 - c) Each pair of angles on the same side of transversal is supplementary. (Only one per student)
2. Prepare a presentation on the model describing objective, material used and procedure which needs to be presented in the class when asked. It carries 5 marks.

Social studies

1. Make the working model.
2. Make a model of active volcano. Use the materials of your choice. Roll No.: 1–15.
3. Make a model of interior of Earth. Use the materials of your choice. Roll No.: 16–30.
4. Make a model of features made by a river in a flood plain. Use the materials of your choice. Roll No.: 31 to last roll no.
5. Read and revise FA2 portion.

English

1. Refer to the chapter "Those Six Days". Write a diary entry for ten days, what you have done during winter vacation.
2. Write glossary of the chapter "Those Six Days" and the poem "A Trek Through the Himalayas" along with making sentences.
3. Write a poem of 5 stanzas on the theme Building leaders brick by brick.

Science

Working Model

Prepare a working model based on Creative thinking, Problem solving, Usefulness in daily life.

Note:

1. The model should be original and practical.

2. This project carries marks.
3. Best models will be submitted for the **Manak Inspire Award**.

Comprehension:

Read the chapter “ Nutrition in Animal” and “Acid, bases and salts” and do the book exercise (including textual Questions).

Mind Map / Flow Chart

Create a mind map/flow chart showing “Nutrition in Animals.” Include:

1. Steps of Nutrition (Ingestion → Digestion → Absorption → Assimilation → Egestion)
2. Examples of Different Types of Nutrition
 - Amoeba (Holozoic nutrition with pseudopodia)
 - Humans (Human digestive system and the same steps of nutrition)

Note: All the work to be done on loose sheets

Revision Task

Revise the following chapters

1. Nutrition in Plants
2. Heat

Kashmiri

1. چارٹس پیٹھ جگر چ شکل (ماڈل) بناؤتھ دیو کانبلہ ہندین مختلف بیمارین ہنز زان.

2. بابا جتوہس متعلق لیکھو اکھ مضمون.

3. نر ناوتین لیکھو مادہ ناوتی صرف (30)

4. واحد ناوتین لیکھو جمع ناوتی صرف (30)

Punjabi:

• ਪਾਠ ੩ ਤੋਂ ੧੩ ਤਕ ਪੜ੍ਹੇ ਤੇ ਔਖੇ ਸ਼ਬਦਾਂ ਨੂੰ ਰੇਖਾਬੰਧ ਕਰਕੇ ਕਾਪੀ ਤੇ ਲਿਖੇ ਤੇ ਯਾਦ ਕਰੋ |

- ਹਰ ਪਾਠ ਦੇ ਔਖੇ ਸ਼ਬਦਾਂ ਤੇ ਵਾਕ ਬਣਾਓ |
- ੨੦ ਵਿਰੋਧੀ ਸ਼ਬਦ, ਵਚਨ ਬਦਲੇ, ਲਿੰਗ ਬਦਲੇ ਅਤੇ ਸੁਧ -ਅਸੁਧ ਲਿਖੋ |
- ਭਾਰਤ ਦੇ ਕਿਸੇ ਇੱਕ ਤਿਉਹਾਰ ਬਾਰੇ ਲਿਖੋ :-

ਤਿਉਹਾਰ ਦਾ ਨਾਂ

ਕਿਵੇਂ ਮਨਾਇਆ ਜਾਂਦਾ ਹੈ

ਕਿਥੇ ਮਨਾਇਆ ਜਾਂਦਾ ਹੈ

ਇਹ ਤਿਉਹਾਰ ਕੀ ਸਿਖਾਉਂਦਾ ਹੈ

- ਕਾਪੀ ਉਪਰ ਕੁਝ ਮਹਾਨ ਵਿਅਕਤੀਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਲਿਖੋ ਤੇ ਚਿੱਤਰ ਵੀ ਚਿਪਕਾਓ

ਜਿਵੇਂ :- ਏ,ਪੀ,ਜੀ ਅਬਦੁਲ ਕਲਾਮ

- ਪਰਦੁਸ਼ ਨਾਲ ਹੋਈ ਕੁਦਰਤੀ ਆਫ਼ਤਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਯਾਦ ਕਰੋ ਅਤੇ ਇਕ ਲੇਖ ਲਿਖੋ।

Urdu:

اردو اخبار سے روزانہ ایک سُرخِی اپنی کاپی پر چسپاں کریں۔

۱۔ موسم سرما

۲۔ وقت کی پابندی

۳۔ کھیلوں کی اہمیت کے بارے میں مضامین تحریر کریں۔

۴۔ مسلمان سائنس دانوں کے بارے میں اپنے خیالات پیش کریں۔

Hindi

1. आपकी दृष्टि में वेषभूषा के प्रति लोगों की सोच में आज क्या परिवर्तन आया है इस पर अपने विचार प्रकट करें ।
2. सावन, कार्तिक, फाल्गुन में कौन-कौन से त्योहार आते हैं किसी एक पर अनुच्छेद लिखिए।

Computers

Perform the following practical activities on your computer/laptop

1. MS Word

Create a document titled “My Favourite Gadget” Include:

- A heading in bold and underlined

- One paragraph about your gadget (why you like it, how it helps you)
- One picture of the gadget
- Use page border and header/footer

2. MS Excel

- Create a Monthly Pocket Money Record showing how you spend your money on different items (e.g., snacks, books, and savings).
- Add columns for Item, Amount Spent, and Remarks.
- Calculate Total and Average using formulas.
- Apply formatting (bold headings, coloured borders).

Cloud Computing Model (Understanding modern technology and data storage.)

Concept: How data is stored on the cloud.

Materials:

- Cotton for clouds
- Thread or yarn (to show data moving)
- Paper computers connected to the cloud
- Label: Internet, Server, Use