

## CLASS 9

### HOLIDAY HOMEWORK

#### MATHEMATICS

##### Activity (Thinking Out of the Box)

1. Draw a 3-D shape of 4 triangles formed by 6 line segments which do not intersect or overlap each other. Name the type of figure so obtained.
2. In a square, draw 2 diagonals crossing at mid-point forming 4 isosceles right angled triangles and name them.
3. In a square, on one diagonal join a line from the vertex to the mid-point of the diagonal forming 3 right triangles.

#### ENGLISH

1. Paste 5 pictures of Indian Classical Singers and 5 pictures of Indian Classical Instrumentalists in your notebooks. Write a line or two about their field of expertise. In all you have to paste 10 pictures in your notebooks with the respective details (Sound of Music).

#### SCIENCE

##### Biology

(To be done on one activity sheet (one only).

Make your immunization card on the following format.

Age	Name of Vaccine	Diseases Prevented	Causative Organisms

##### Chemistry

1. On one A4 sized sheet draw the table given on page 51.
2. On a second A4 sized sheet, draw the atomic structure of any four elements (using bindis).

##### Physics

Write '3' activities to prove Newton's laws.

Illustrate through diagrams (to be done in Physics notebook).

#### HINDI

1. व्याकरण प्रवेशक में से पृष्ठ 105 पर अभ्यास के लिए दिए गए पहले पाँच अनुच्छेद कॉपी/उत्तर पुस्तिका में कीजिए।

#### PUNJABI

1. ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆਂ ਤੇ 250 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲੇਖ ਰਚਨਾ ਕਰੋ। ਵੱਧ ਤੋਂ ਵੱਧ ਮੁਹਾਵਰਿਆਂ, ਅਖਾਣਾ ਅਤੇ ਘੱਟ ਤੋਂ ਘੱਟ ਦੋ ਤੁਕਾਂ ਦੀ ਵਰਤੋਂ ਜ਼ਰੂਰ ਕੀਤੀ ਜਾਵੇ।
  - ਵਿਦਿਆਰਥੀ ਅਤੇ ਅਨੁਸ਼ਾਸਨ
  - ਨਾਰੀ ਸ਼ਕਤੀ
  - ਦੇਸ ਪਿਆਰ
  - ਇੰਟਰਨੈਟ
  - ਬਜ਼ੁਰਗਾਂ ਪ੍ਰਤੀ ਤੁਹਾਡੇ ਕਰਤੱਵ

#### SOCIAL SCIENCE

1. Collect information on the flora and fauna of your school. The list should have a total of ten species. Explain and write features of each species in about four to five lines with pictures.

#### HEALTH AND PHYSICAL EDUCATION

1. Prepare First Aid Kit.

