

Mahaveer Public School

Session 2019-20

Holiday Home Work Class-IX

1. **Social Science:** Prepare a collage by collecting information about different Political Parties in your state, draw their symbols, their ideology and the pictures of their prominent leaders in the centre page of CIVICS COPY.

2. English:

1. Make a comic strip on a humorous theme (2-3 pages)
2. Read the play 'IF I WERE YOU' (Ch 11 Beehive) and write a character sketch of Gerard.
3. Write ten Idioms and ten phrases - latest ones

3. **Science:** Design a Role play on any two topics of your choice on A4 sheet –

1. Nucleus
2. Plasma membrane
3. Cell wall
4. Properties of Particle
5. Matter
6. Inertia

4. **Mathematics:** 1. Make wheel of Theodorus (Spiral Roots) up to $\sqrt{17}$

2. Design a crossword puzzle with some mathematical terms and the words should be filled ACROSS and DOWN.

3. To verify the algebraic identity : $(x+y)^3 = x^3 + 3xy(x+y) + y^3$

4. To obtain mirror image of figure with respect to a given line on a graph paper.

5. To find the following using paper folding :

- a. The perpendicular bisector of line segment.
- b. The perpendicular to a line at a point given on line.

Note: To be done in File

5. Information Technology:

1. Create Collage in Word Processing Software on IT Application
2. You have recently attended a Cyber Safety workshop in your school. You are excited to share the information with your mother. How would you describe the event.

3. Create a Presentation titled INTERNET based on the following Guidelines

Provide at least one slide for the following

- What is Internet?
- History
- Impact On Society
- How I use it
- How my parents use it.
- How my teacher use it
- What else can be done with it
- Conclusion

4. You have recently visited a hill station. Describe it using appropriate phrases.

6. Hindi: अनुप्रास, यमक, श्लेष, उपमा, रूपक, उत्प्रेक्षा, अन्योक्ति, अतिशयोक्ति एवं मानवीकरण अलंकार की परिभाषा एवं उदाहरण लिखिए। यथा संभव प्रत्येक का चित्र भी चिपकाए।

7. Sanskrit: उच्चारण स्थान का चार्ट चित्र सहित बनाए तथा समस्त स्वर एवं व्यंजनों के उच्चारण स्थान लिखिए।

☺Happy Holidays☺