

Mount Abu Public School

WINTER'S HOLIDAYS HOMEWORK
SESSION 2016-2017
CLASS- VII

Winter is the time for comfort, for good food and warmth, for the touch of a friendly hand and for a talk beside the fire: it is the time for home.

The colour of winter is in the imagination.

Let us love winter, for it is the spring of genius and perseverance.

Dear Parents

Holidays are the time for the parents to become the teachers and friends! The first institution of a child where he learns is his home. A child passes most of his time with his parents and learns from his parents and the environment provided to him by his parents in home. Parents play a vital role in the education of their child. Keeping this in mind the school has designed Holiday Homework that provides you with an opportunity to be with your child and become their partners in recreational tasks.

The Holiday Homework will be assessed as a part of FA4 and must be presented at its best **FEW TIPS:**

- Encourage your child to read Newspaper every day.
- Encourage your child for morning exercise and lead a healthier life.
- I nculcate the habit of Reading.
- Encourage your child to converse in English.
- Log in to the school website, info@mountabuschool.com for daily updates.
- Divide the time judiciously for academic and recreational work.
- Revise the syllabus of all subjects covered so far.



**Happy Winter
Vacation**

SUBJECT- ENGLISH

1. Making a file/scrap book It should consist of :

How to do

Page I - cover page (picture of any state based on your imagination after 25 years.)

Page II – III must have a descriptive piece written by you describing the city after twenty five years, its development, its permanent features, lifestyle of people , means of transport, development in Science and Technology etc. Try to bring it alive. Your description must be of at least of 300 words. You may like to supplement your writing with pictures or illustrations

PageIV - Bibliography.

Page V - must have an Acknowledgement of people whose help you sought while making the project (if you sought help from anyone during your research) Also make a list of at least fifteen new words that you encountered while doing your research (for example - scenery, immaculate, tranquil etc). Write out their meanings as part of your work. You participated in a speech competition for the first time and you couldn't perform well. Write a diary entry expressing your feelings.(Word limit-150-200 words)

Where to do:- English Notebook

विषय-हिंदी

क) अधिकार व कर्तव्य एक ही सिक्के के दो पहलू हैं। इस कथन के आलोक में देश की छवि को उज्ज्वल बनाने हेतु 5 स्लोगन लिखिए।(5×5 के फ्लैश कार्ड बनाइए)

मूल्यांकन बिंदु- विषय, भाषा/लेख, प्रस्तुति

ख) भारत अनेकता में एकता की अटूट पहचान है, जहाँ अनेक लोकनृत्य अपनी विदेशों में भी छाप छोड़ चुके हैं। किन्हीं तीन प्रसिद्ध लोकनृत्यों की जानकारी लिखिए।

*किस प्रदेश से संबंधित है।

*इस लोकनृत्य से जुड़ी प्रसिद्ध प्रतिभाएँ

*चित्र (ए-3 शीट पर)

मूल्यांकन बिंदु-विषय , प्रस्तुति

ग) अंग्रेजों के समय व आज के समय की दिल्ली का 100-150 शब्दों में चित्र सहित वर्णन कीजिए।(गतिविधि फाईल में)

मूल्यांकन बिंदु- विषय, भाषा, प्रस्तुति/चित्र

घ) प्रेक्टिस-मेन्यूल्स समेटिव-2 कार्य पूर्ण करें।

SUBJECT- MATHS

1. Verify that a triangle can be drawn only if the sum of lengths of any two sides is greater than the third side, using paper strips.

Set 1 : 5 cm , 7 cm, 14 cm

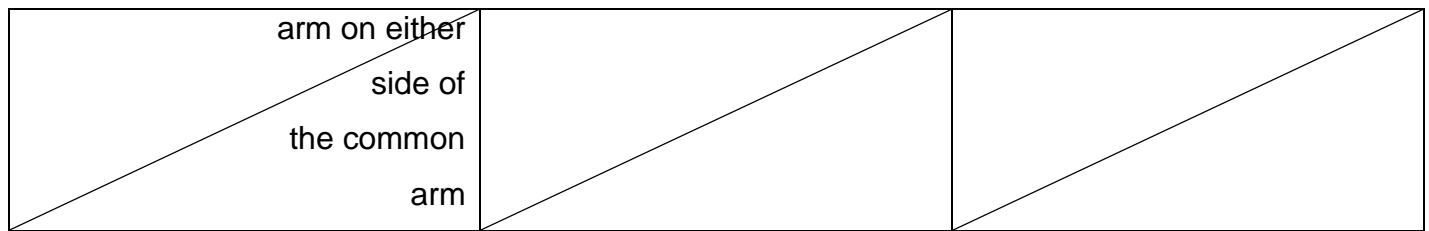
Set 2 : 5 cm , 7 cm , 11 cm

How to do : Cut the paper strips according to the sides given above. Try to form a triangle with these strips for each set.

Where to do : A4 size sheet

2. Below is a grid with 9 pairs of angles with their properties, written randomly:-

<p>1. Corresponding Angles</p> <p>Sum is 180°, may be adjacent, may not be adjacent</p>	<p>2. Vertically Opposite Angles</p> <p>Sum is 90°, may be adjacent, may not be adjacent</p>	<p>3. Alternate Interior Angles</p> <p>Lie on the same side of the transversal, distinct vertices, one exterior and one interior angle</p>
<p>4 Alternate- Exterior Angles</p> <p>Lie on the other side of the transversal, distinct vertices, both interior angles</p>	<p>5. Co- interior Angles</p> <p>Common vertex, equal angles, two intersecting lines</p>	<p>6. Adjacent Angles</p> <p>Lie on the same side of the transversal, distinct vertices, supplementary angles</p>
<p>7. Linear Pair</p> <p>Common vertex, common arm, non-common</p>	<p>8. Complementary Angles</p> <p>Lie on the either side of the transversal , distinct vertices both exterior angles</p>	<p>9. Supplementary Angles</p> <p>Adjacent angles, common vertex, supplementary angles</p>



How to do : Cut out the given grid into 18 triangular pieces and arrange them pair wise to form 9 squares i.e each paper of angles with its identification criteria.

Where to do : A4 size sheet

SUBJECT- SCIENCE

1. Science kit activity 1- To study nature of image formed by a plane mirror

Parameters – 1. Accuracy 2. Presentation 3 understanding of the concept

Where to do- Observatory Sheet

2. Science kit activity 2 - To study the pattern of dispersion of light through prism..

Parameters -1. Accuracy 2. Presentation 3. Understanding of the concept

Where to do- Observatory Sheet

3. Make an electric fuse . (Refer page 200 of the book for construction)

Parameters- 1. accuracy 2. presentation

SUBJECT- SOCIAL SCIENCE

1. TOPIC:- Violation of Fundamental rights and duties

What to do:-i) Find out at least ten current /recent and practical incidences about violation of fundamental rights and duties which are happening around you.

ii) What are your views about such incidences/situation and solution for the situation?

Where to do:- Project File

Parameters:- Content, originality, Research, Presentation

2. TOPIC:- CONSERVING RESOURCES

Talk about waste

Segregation of waste means assorting it and pulling similar things together. The primary segregation is on basis of biodegradable and non-biodegradable products. The kinds of waste which decay biologically are biodegradable (food materials, garden waste etc).While those which do not are non biodegradable (plastic materials, glass etc).

What to do:-Find out how waste is managed in your house .Is it segregated into biodegradable and non – biodegradable. Conduct a detailed analysis for three days and paste relevant pictures.One page survey per day.

Where to do:- Project File

Parameters:- Content, originality, Research, Presentation

3. What to do:- Imagine yourself as a freedom fighter. Which method of protest would you use? Violence or Non-violence? Justify in not more than 300 words.

Where to do:- Project File

Parameters:- Content, originality, Research, Presentation

SCIENCE KIT ACTIVITY -1

AIM: To study nature of image formed by plane mirror

Material Required: Plane mirror, Graph Paper, Candle /Torch , Screen mirror holder, object (Pencil , Pin)

Observation:

S.NO	PROPERTIES	INFERENCE
1	Image type (Real virtual)	
2	Distance	
3	Lateral Inversion	
4.	Reflection	

Conclusion: _____

VIVA VOICE

Q.1 How can you say image formed is virtual?

Q.2 Name alphabets which do not get inverted laterally.

Q.3 How can you say image formed is at same distance as object?

SCIENCE KIT ACTIVITY -2

AIM: To study pattern of dispersion of light through prism .

Material Required: Slide, water drop, sunlight

Observation:

S.NO	Angle of vision	INFERENCE
1	TOP	
2	Left Side	
3	Bottom	
4.	Right Side	

Conclusion: _____

VIVA VOICE

- Q1. What is Dispersion?
- Q2. Why do we see sparkling light early morning on leaves?
- Q3. Why don't we see dispersion pattern of Light when we gaze from top?