



# Mount Abu Public School

WINTER HOLIDAYS HOMEWORK

SESSION 2016-2017

CLASS- IX

*“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.
- Inculcate the habit of Reading.
- Encourage your child to converse in English.
- Log in to the school website, [info@mountabuschool.com](mailto: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

### ➤ **Interdisciplinary Project**

#### **Theme- Waste Water Management**

Water being an elixir of life, it becomes the prime duty of every one of us to save it.

To assimilate this message: Draft an advertisement promoting the spirit of- “Saviours of Water”

**Where to do: Hindi Project File/ Spiral Folder**

### ➤ OTBA

#### **Theme 1**

1. ‘Empathy towards animals not only makes us good at heart but also instills in us a quality much needed to be a good citizen’. Elaborate on this based on your reading of the passage.

Value Points: To be compassionate towards all living creatures character development and holistic approach – inculcate feeling of empathy and to understand the pain of someone else.

2. “Live and let live” should be the motto of life, for humans and animals alike. We need to respect all irrespective of “species”. Write an article on the importance of being considerate towards animals.

Value points: An article in 80-100 words which invokes love towards animals equally as love towards human beings- inculcating values of tolerance, acceptance, sacrifice and empathy – mutual respect for every creature big or small, voiced or voiceless.

#### **Theme 2**

1. ‘Prepare and Prevent, Don’t Repair and Repent’-

As a student, how would you apply this in your academic life?

Value Points: 1. Continuous and comprehensive education leads to wonderful results.

2. Regular studies fetch you better grades and boosts self-confidence.

2. Imagine yourself to be a passerby who witnessed the tragic accident of the three boys. How would you react in such a situation?

Value Points: 1. Call police, ambulance

2. Try and contact the parents of the victims.

**Where to do: Practice Notebook**

## Subject- Mathematics

### ➤ OTBA

#### **Theme 1 (Solving mystery of messed up fields)**

1. Read the statement of Jeevan and write the type of field he is having. Identify the dotted figure obtained according to his statement and give reason or property used for that. Also, prove it.

2. Read the statement of Ram and identify the shape of his field. State all the properties of figure obtained.

## Theme 2(Quadrilaterals in architecture, WahTaj!)

1. From Pic. (vi), Identify the marked figure. Write the shape obtained by joining the mid-point of this figure. Also, prove it.
2. Pic. (ii) of the site plan is divided into 3 parts. Name the shape of each part and write 2 specific properties of each shape.

### ➤ Integrated Project

#### Topic: Every drop counts: Waste Water Management

Draw histogram on the capital expenditure by India on waste water treatment from 2011 to 2018.

Ref: [www.azocleantech.com](http://www.azocleantech.com)

**Where to do:** In Hindi project file/ Spiral folder

**How to do:** Write the data depicting capital expenditure on waste water treatment from 2011 to 2018 and draw Histogram on graph paper.

**Parameters:** Accuracy and Presentation.

### Subject- Science

### ➤ Integrated Project

You are young water crusader. The future of our planet lies in your hands. Make your community aware about the little ways in which they can save water and manage waste water.

- Watch the following video. <https://www.youtube.com/watch?V=q7YrbPocT4>

1. Visit the nearest water treatment plant and fill the following table with appropriate informations.

#### Questions/Topic

#### Answer/ Information on the topic

1. Name of Delhi in which it is located.
2. Part of Delhi in which it is located.
3. Identify the locality from which water reaches to this water treatment plant.
4. Make a list of effluents/impurities present in the water treated by that plant.
5. Suggest a suitable method for treating the Water other than chlorination.
6. Write any four water borne diseases.
7. Write any two main symptoms of the above mentioned diseases.
8. Write the remedial measures for the same diseases.

**Parameters:-** Research, Relevance originality & presentation

**Where to do:** In Hindi Project File/ Spiral folder

**General Instructions:-**

- It should be neat and hand written.
- Do not use any decorative material.

**2.Practice Manual:-**

Complete worksheet

Bio- Why do we fall ill?

Chemistry- L- structure of atom.

Physics- Write practicals of term-2 in practical file.

➤ **OTBA**

1. What are the necessary steps taken to dispose of biomedical waste and its types?
2. What is the importance of land fill areas?
3. How should solid waste categorized.
4. How does society plays on important role in deciding health of an individual.
5. How does fish eating or poultry eating cause health to suffer?

**Subject- Social Science**

➤ **Open Text Based Assessment**

**Theme 1-** Rainfall- An important factor governing Indian economy

1. How is monsoon considered as a unifying bond?
2. Suggest your own measures to tackle the problem of water shortage.

**Theme 2- Drought in Maharashtra; issue and implication**

1. Why farmers are committing suicide especially in Maharashtra?
2. Drought has serious implication in the socio-economic condition of the people of Vidarbha, Maharashtra. Comment.

**Where to do-** Class Work Copy

➤ **Integrated Project**

**“Water is precious- Waste Water Management”**

- Study about the water resources available in India, and write current status of these resources.
- Reflect on the ways waste water can be reuse water in your daily life.
- Paste pictures/illustrations wherever necessary

**Where to do-** Hindi Project File/ Spiral folder

**Parameter-** Relevance of content, Research, Presentation

## Subject- French

1. Écrivez une lettre à votre ami(e) en décrivant comment vous avez passé vos vacances d'hiver. (onpeuttoujoursdécrire un pays ou une ville avec ses monuments, ses spécialités, sa cuisine, leSystème de transport et ses personnages bien connus.) 80 mots dansvotre cahier.

2.Faitesunprojetsur une ville ou une région française en décrivant la culture, les monuments, la cuisine et d'autres spécialités de cette ville ou cette région.

**Note: A power point presentation needs to be made (10 – 12 slides)**

- You can choose your topic - culture monuments, food and other cultural specialties of this city or region
- The power point presentation needs to be in French
- You would need to make a presentation to the class and relevant questions on the PPT would be asked.

3.Préparezun collage aussiattrayantque possible sur la France. Voustravaillerezsur des themes different : Les vinsfrançais- Les fromages de France- Les repastypiquesfrançais- Les parfums français. Tous les thèmes cites ci-dessusdoivent faire partie de vos devoirs. Pensez à de jolies photosillustrantchacun des thèmes. Chaque theme doitêtreaccompagne d'un texte en français quidonnera des details importants.

## Subject- Phy. Ed

### ➤ **Project Work**

'What do you understand by first aid in different types of injuries' (any five)

1. Cut
2. Wound
3. Sprain
4. Strain
5. Fractures
6. Dog Bite
7. Drowning
8. Fainting
9. Shock
10. Burns

For Ex:-

- Injury- Cut
- Define- What is cut
- Treatment(first aid)- first aid given by you

**Paste pictures of the Injuries**

**Where to do:** To be done on A4 size Sheets only.

शीतावकाश कार्य  
वर्षा - नवी  
विषय - हिंदी

① परियोजना कार्य

विषय : जल संरक्षण  
दो भागों में जानकारी, चित्र सहित लिखें।

① जल का दुरुपयोग कहां - कहां व किस रूप में।

② जल संरक्षण की आवश्यकता व स्तंभ  
कहां करें - कार्य हिन्दी गतिविधि पुस्तिका में करना है।  
कैसे करें - चित्र सहित पूर्ण जानकारी, दो पृष्ठों में।

मूल्यांकन बिंदु - विषयवस्तु - 2 अंक  
भाषा व स्तंभ - 2 अंक  
चित्र व पस्तुती - 1 अंक

② मुक्त पाठ्य सामग्री

विषय 1 - समावेशी शिक्षा एक चुनौती

प्र० 1. दिव्यांग बच्चों को सामान्य बच्चों के साथ ही पढ़ने  
की आवश्यकता क्यों समझी गई?

प्र० 2. समावेशी शिक्षा को एक चुनौती क्यों कहा गया है?

विषय 2 - स्वाधीनता आंदोलन में महिलाओं का योगदान

प्र० 1. स्वाधीनता आंदोलन में महिलाओं के योगदान  
में योगदान दिया?

प्र० 2. देश की स्वाधीनता महिलाओं के विकास में  
कैसे सहायक है?

कहां करें - उत्तर पुस्तिका में (हिंदी भाषी)

कैसे करें - प्रत्येक प्रश्न के 5 मुख्य बिंदु लिखें।

मूल्यांकन बिंदु - तथ्यों का विश्लेषण - 4 अंक

नवीन विचारधारा - 4 अंक

लेख, चिंतनकाशल - 2 अंक



शीतावकाश कार्य  
कक्षा - IX  
विषय - संस्कृत

प्र०१. परियोजना कार्य -

विषय - जल संरक्षण - जल संरक्षणस्य आवश्यकता स्लोगन-च-  
\* इदं कार्याय गतिविधि पुस्तिकायां प्रयोगं क्रियताम् ।  
मूल्यांकन बिन्दु - विषय वस्तु स्लोगन चित्र व प्रस्तुति

प्र०२. संस्कृतस्य महान् कवि 'कालिदासः' विश्वप्रसिद्धः। तस्य तुलना  
शैक्सपियरस्य अपि क्रियते। कालिदासस्य जीवन परिचय, भाषा  
शैली रचना आदयः परिचय दीयताम् ।

\* इदं कार्याय गतिविधि पुस्तिकायाम् प्रयोगं क्रियताम् ।  
मूल्यांकन बिन्दु - विषयवस्तु भाषा प्रस्तुति व चित्र

प्र०३. 'प्रातः भ्रमणम्' इदं विषयं आधृत्य दशवाक्यानि मञ्जूषायां  
सहायतया लिखत ।

मञ्जूषा - व्यायामः, अल्म, एकः, जनाः, प्रातः भ्रमणेन,  
चत्वारि, पृक्षाः, खगाः, कलखं, हरितिमा, द्यावन्ति, क्रीडन्ति ।

\* इदं कार्याय गतिविधि पुस्तिकायाम् प्रयोगं क्रियताम् ।

मूल्यांकन बिन्दु - विषय भाषा कौशल्य चित्र व प्रस्तुति

प्र०४. भगिका पुस्तकस्य 'मुख्य पृष्ठ निर्माणम्' क्रियताम् ।

\* A3 Size Sheet

मूल्यांकन - भाषा क्रियात्मकता