

**Dawood Public School**  
**Secondary Section**  
**Class VIII Promoted to Class IX (2019-20)**

Dear Children,

The blissful summer vacation is here. It's time to reinforce the importance of a routine; learning responsibility and building on skills learned during the academic year. Strike a balance between work and play and grow in the process. During these relaxing times to keep you entertained and productive we have designed interesting and innovative summer homework. With the aim to create a bond between you and the older generation our homework involves family participation that will help you appreciate the blessed family time and realize the amazing progress man has made over the years.

Relax, enjoy, have loads of fun and come back refreshed.

**Mahvash Roshani**

**Principal**



Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: \_\_\_\_\_

Section: \_\_\_\_\_

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- Submission of completed homework to the class teacher of Class IX by **9<sup>th</sup> August, 2019** is compulsory.
  - Late submission will not be marked.

## MATH

### General Guidelines for Students:

1. Do the homework on foolscap sheets.
2. Number the activities in serial order.

### Activity # 1:

#### Topic: Pie chart of Daily Activities

- Write the time spent (in hours) during the day under the following headings by you:

- (a) School
- (b) Homework
- (c) Play
- (d) Sleep
- (e) Watching TV
- (f) Miscellaneous

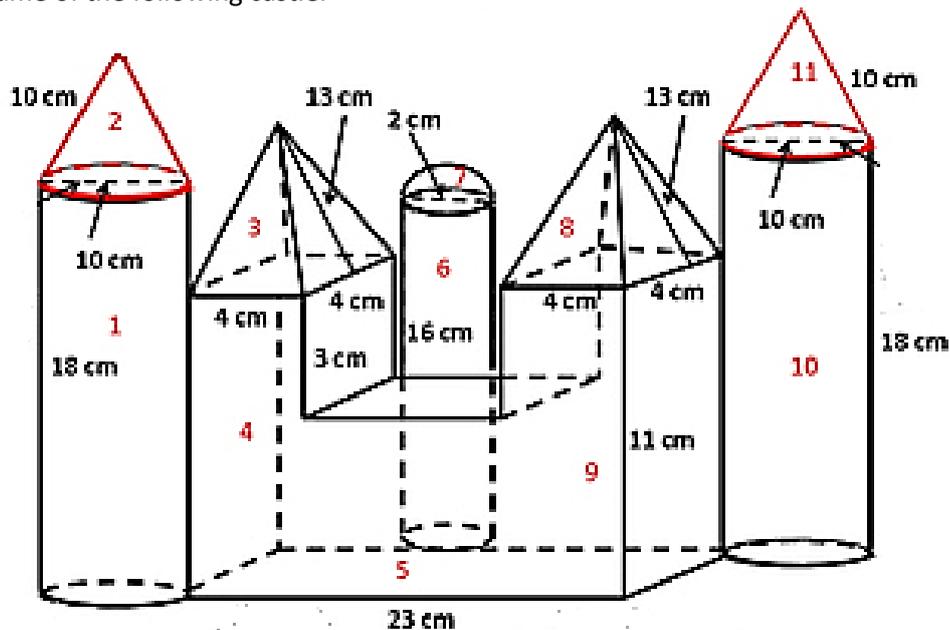
Prepare a Pie chart for the above schedule, where each activity is represented by a different colour.

- Name the activity with the smallest and largest sector.

### Activity # 2:

#### Topic: Volume and Surface Area.

- Find volume of the following castle.



### Activity # 3:

#### Topic: Indices and standard form.

- Exponents and Powers Find out the distance of any four planets from sun. Then write these distance in standard form.  
Students can find out distance from various resources like internet or from Social Science books.

### Activity # 4:

#### Topic: Linear Graphs

- Note down temperature for one week and then draw a linear graph. Then find out the hottest and the coolest day of the week.

## ENGLISH

Conduct interview on the given topics with your grandparents and parents and note the difference in their aspects of life, the reason for the generation gap and how the changes in the standard of living impacted the quality of life of different generations.

### Topics: Music/Fashion

After the interviews, visualize the modern setting and see which fashion trends you follow and the music you like. Write, analyze and note the difference in these aspects between the three generations.

- Design your own interesting and creative questionnaire on the above mentioned topics.
- Submit your interview in **writing**, make sure to click and paste pictures of interviews in the **scrapbook**.

The interview can be **bilingual**.

**Your work will be marked on:**

**Creativity (presentation of your work)**

**Language proficiency**

**Investigative and reporting skills**

## GEOGRAPHY

Visit the following link

<https://www.nationalgeographic.com/adventure/>

Read the articles in in the category of Exploration and Adventure. Select the place you want to visit. Write in detail why would you like to visit that place.

## URDU

درج ذیل نکات کو پیش نظر رکھتے ہوئے مندرجہ ذیل عنوانات میں سے کسی دو پر 1 کم از کم 10 اہم نکات تحریر کیجیے -

صحت و متوازن غذا	تعلیم و تربیت	نصابی و غیر نصابی سرگرمیاں	دیہی و شہری زندگی میں فرق
<p>متوازن غذا کیا ہے</p> <p>یہ کیوں ضروری ہے</p> <p>متوازن غذا کے استعمال کے فوائد</p> <p>متوازن غذا کا استعمال نہ کرنے کے نقصانات</p>	<p>تعلیم کی اہمیت</p> <p>تعلیم کے ساتھ تربیت کیوں ضروری ہے</p> <p>اچھی تعلیم و تربیت کے فوائد</p> <p>تعلیم و تربیت اچھی نہ ہونے کے نقصانات</p> <p>انفرادی و اجتماعی تعلیم</p>	<p>نصابی و غیر نصابی سرگرمیاں کیا ہیں</p> <p>نصابی و غیر نصابی سرگرمیاں کیوں ضروری ہیں۔</p> <p>انکے فوائد و نقصانات</p>	<p>دیہی و شہری زندگی میں فرق</p> <p>دیہات کی زندگی کے فوائد</p> <p>شہری زندگی کے فوائد</p>

2: لغت کی مدد سے حروف ا تاج سے شروع ہونے والے کوئی پانچ نئے محاورات اور ان کے معانی رنگین پیپر پہ خوشخط لکھیے۔

## Gardening Project

Get started on planting for the season, by using an egg carton/egg shells/used paper cups to sow seeds, these are common household products and are biodegradable.

To begin, take an empty egg carton/egg shell/used paper cups. Using plastic wrap, cover the top part of the container. The plastic wrap is helpful in maintaining the warmth and moisture of the seeds and seedlings.

Be sure to poke holes in the bottom. The holes will allow excess water to escape, thus protecting the seeds and seedlings from over-watering.

**Your task:** is to plant only fruit seeds such as lime, lemon, chikoo, custard apple, papaya whatever is available in the season. Bring the sprouted plant to school after the vacation.

