

**Dawood Public School**  
**Secondary Section**  
**Class VI Promoted to Class VII (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 VII by **9<sup>th</sup> August, 2019** is compulsory.
  - Late submission will not be marked.

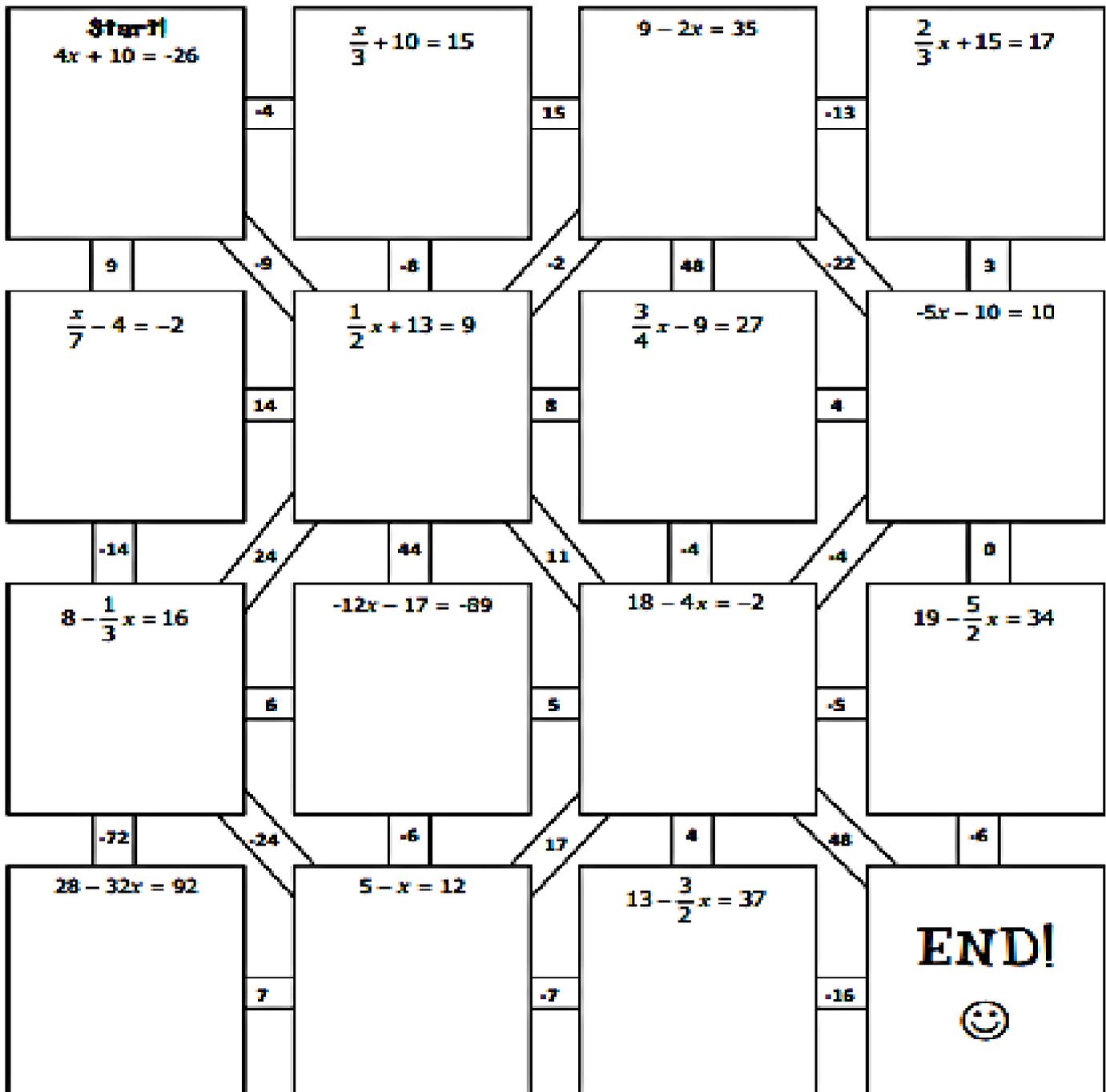
# MATH

## General Guidelines for Students:

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

### Activity # 1:

Topic: Two step equation solving maze.



### Activity # 2:

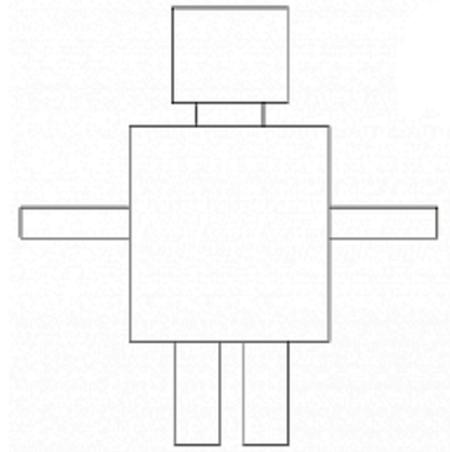
#### Topic: Rational Number.

- In the super market there are five shopkeepers **A, B, C, D, E**. If shopkeeper **A** sells his  $\frac{2}{3}$  of products in a day, **B** sells  $\frac{3}{7}$  of products, **C** sells  $\frac{4}{5}$  products in a day, **D** sells  $\frac{5}{6}$  of the products and **E** sells  $\frac{7}{8}$  of the products in a day, who sells more products in a day? Cut **5** equal circles and represent each fraction on the circles and find the largest fraction and the smallest fraction.

### Activity # 3:

#### Topic: Area and Perimeter.

- Make a robot with different colored sheets, use dimensions as per your choice.
- Calculate area and perimeter of the robot.



### ACTIVITY # 4:

#### Topic: Function and Graphs.

##### • Make an Alien

- Take one graph paper and draw an x and y axis on the graph paper.  
The x axis should go from 0 to 19  
The y axis should go from 0 to 28



Now plot these coordinates and join them up like dot to dot as you go:

##### FACE:

(8,4)(11,4)(17,16)(17,20)(16,23)(15,25)(14,26)(12,27)(7,27)(5,26)(4,25)(3,23)(2,20)  
(2,16)

##### LEFT EYE:

(4,19)(6,19)(8,17)(9,14)(9,13)(8,13)(6,14)(4,17)

##### RIGHT EYE:

(15,19) (13,19) (11,17) (10,14) (10,13) (11,13) (13,14)

##### LEFT NOSE:

(8,10) (9,10) (9,9)

##### RIGHT NOSE:

(10,10) (11,10) (10,9)

##### MOUTH:

(8,7) (11,7)

Once you have plotted the coordinates, join them together like a dot to dot, and Paste in Booklet.

## ENGLISH

Conduct an interview on the given topics with your grandparents and parents, and note differences in their aspects of life, reasons for generation gap and how does the change in standard of living impacted the quality of life of different generations.

### **Topics for interview: Living styles / Education**

After the interviews, visualize the modern setting and see what type of houses we live in and the standard of education we have. Analyze the difference between the living style/standard of education 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**

### **Recommended Reading Book List**

- Read any three books of your choice and write review of only one book.

1. "Matched trilogy" by Ally Condie
2. "Eragon" by Christopher Paolini
3. "The False Prince" by Jennifer A. Nielsen
4. "The Giver" by Lois Lowry
5. "Divergent series" by Veronica Roth
6. "The Maze Runner" by James Dashner
7. "The Hunger Games series" by Suzanne Collins
8. "The Book Thief" by Marcus Zusak
9. "Life As We Knew It" by Susan Beth Pfeffer
10. "Freak the Mighty" by Rodman Philbrick

## GEOGRAPHY

Make a travel brochure of your favourite country research about famous features, place, food etc. Pictures must be added in the brochure. Sample is given below.

**Le Tour Open**  
is a great way  
to see many  
Paris sights in  
one day.

**PARIS**

Paris is the capital and largest city of France. Straddling the Seine River in the country's north, it is a major global cultural and political center in addition to being the world's most visited city. Nicknamed "The City of Light" since the 19th Century, Paris also has a reputation as a "romantic" city and the "heart of Europe". The most recognizable symbol of Paris is the 1,063 ft. Eiffel Tower located on the banks of the Seine.

**Notre Dame Cathedral**

The Eiffel Tower at night is quite a sight to see. The most perfect time to visit is after 6 p.m. when the air is cool and the crowds have thinned. Strobe lights go off on the hour at 10 pm, 11 pm, and midnight. Many locals and tourists enjoy the show from the grassy area where this picture was taken.

**Eiffel Tower**

**Paris Disneyland**

**Paris Recreation**

- Shop on the Champs-Élysées
- Meet The Mona Lisa at the Louvre
- Tour Notre Dame Cathedral
- View the city from The Eiffel Tower
- Visit Disneyland Paris

**Le Tour**

**Arc de Triomphe**

**Paris Disneyland**

**Le Tour**

## SCIENCE

**Aim:** Making Paper by Recycling your own Paper

**Materials required:** Recycling paper, tub for water, a blender or food processor, rectangular bin to hold water, glitters, beads, dry flower petals, scent and paints for decoration, wooden sieve for pressing paper to drying, and sponge or cloth for pressing paper.

**Steps to be followed:**

- Dip waste papers in a water tub for 5 days.
- Tear the paper into small pieces and put into a blender with warm water.
- Blend until the mixture becomes a fairly smooth pulp.
- Assemble your mold, attach your screen to your frame using tape, staples or any other method that will keep the screen fixed to the frame edges.
- Pour the pulp into your bin or pan, and then sink the mold into the water mixture.
- Pull the mold up, and pulp should cover the screen.
- At this point, you can add decorations.
- You can even add seeds, petals and glitter to make plantable paper.
- Be sure to add a little more pulp to cover the decorations so they add here to the paper.
- Use a cloth or sponge to press out excess water.
- Now you need to let the paper dry. You can let it dry on the screen, you can flip the mold over and let your paper dry on another surface, or you can press a cloth into the mold so the paper adheres to it and can dry on the cloth.
- Just be sure to let your paper dry for a day or so.
- Use this recycled paper to make at least three of the objects of your choice.
- Conclude your recycling activity by displaying the pictures and emphasizing on the importance of recycling.

## URDU

1. مندرجہ ذیل محاورات میں سے کسی چار محاورات کو تصویر کے ذریعے اس طرح پیش کریں کہ اُن کے مطلب واضح ہو جائیں:

نوٹ: یہ تمام کام کمپیوٹر کے رنگین صفحات پر کریں۔

نظروں سے گرنا۔ نیند حرام کرنا۔ خیر باد کہنا۔ غم غلط کرنا۔ ہاتھ پھیلانا۔ ناکوں چنے  
چبوانا۔ لمبی تان کر سونا۔ منہ پر ہوائیاں اڑنا۔

گن گانا۔ تگ دو کرنا۔ قیامت برپا کر دینا۔ چشم پوشی کرنا۔ آنکھیں دکھانا۔ آگ بگولہ ہونا

2. نصاب میں موجود اسباق اور منظومات میں سے الفاظ و محاورات پر مبنی ایک لغت تیار کریں جس میں ہر حرفِ تہجی کے کم از کم پانچ الفاظ ہونے چاہیئے۔ نوٹ: آپ کی لغت رنگین صفحات پر مشتمل اور اچھی اور واضح لکھائی میں ہونی چاہیئے۔

3. اپنے پسندیدہ پکوان کے نام لکھیے اور کسی دو پکوان کے بنانے کی ترکیب بمعہ تصاویر لگائیے۔

4. درج ذیل مصنفین کی کتب کا مطالعہ کریں اور کسی چار کہانیوں پر تبصرہ تحریر کریں۔

5. "بچوں کے ڈرامے" (مصنف سید امتیاز علی تاج)

2. "خطبی" (مصنف شوکت تھانوی)

## 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.

