

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

SCIENCE

Aim: Make a 3D-Graffiti of a wish list with crystals by making your own crystals with borax.

Materials required:

- Boiling water
- Borax
- Pipe cleaner
- Thread
- Scissors
- Dowels to hang the pipe cleaners
- Large jar to make a borax solution.
- Food colour

Steps to be followed:

- Bend the pipe cleaners to write wishes or short notes like Good Luck or Stay Happy. (You can make all letters joined like cursive writing or each letter can be separated)
- Make a saturated solution by boiling 1 cup of water and add 3 spoons of borax.
- Add food colour of your choice in the borax solution. (You can make the solution with different food colours to colour each letter differently)
- Hang your wish in the solution by attaching it to a dowel using a thread.
- Leave the set up un-touched for 24 hours.
- Remove your graffiti from the solution.
- Let it dry for 6 hours or so.

Following is the link attached for more guidance.

https://www.google.com/search?q=graffiti+meaning&rlz=1C1RLNS_enPK820PK820&oq=graffitti&aqs=chrome.69l57j0l5.4608j0j4&sourceid=chrome&ie=UTF-8

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 generation.

Topics: Spending Vacations/Travel destinations

After both interviews, visualize the modern setting and see how you spend your vacation, reason for traveling and where you would like to go.

Compare the differences among all three generations 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.

Design your own interesting and creative questionnaire.

The interview can be **bilingual**.

Submission Instructions

Submit your interview in **writing**, make sure to click and paste pictures of interviews in the **scrapbook**.

Your work will be marked on:

Creativity (presentation of your work)

Language proficiency (written or verbal)

Investigative and reporting skills

Recommended Reading Book List

Read any three books of your choice

1. Bridge to Terabithia by Katherine Paterson
2. "Ella Enchanted" by Gail Carson Levine
3. "Inkheart" by Cornelia Funke
4. "Smile" by Raina Telgemeier
5. "The Boy Who Dared" by Susan Campbell Bartoletti
6. "Tuck Everlasting" by Natalie Babbitt
7. "A Wrinkle in Time" by Madeleine L'Engle
8. "The Lion, the Witch, and the Wardrobe" by C.S. Lewis
9. "Lightning Thief series" by Rick Riordan
10. "Island of the Blue Dolphins" by Scott O'Dell

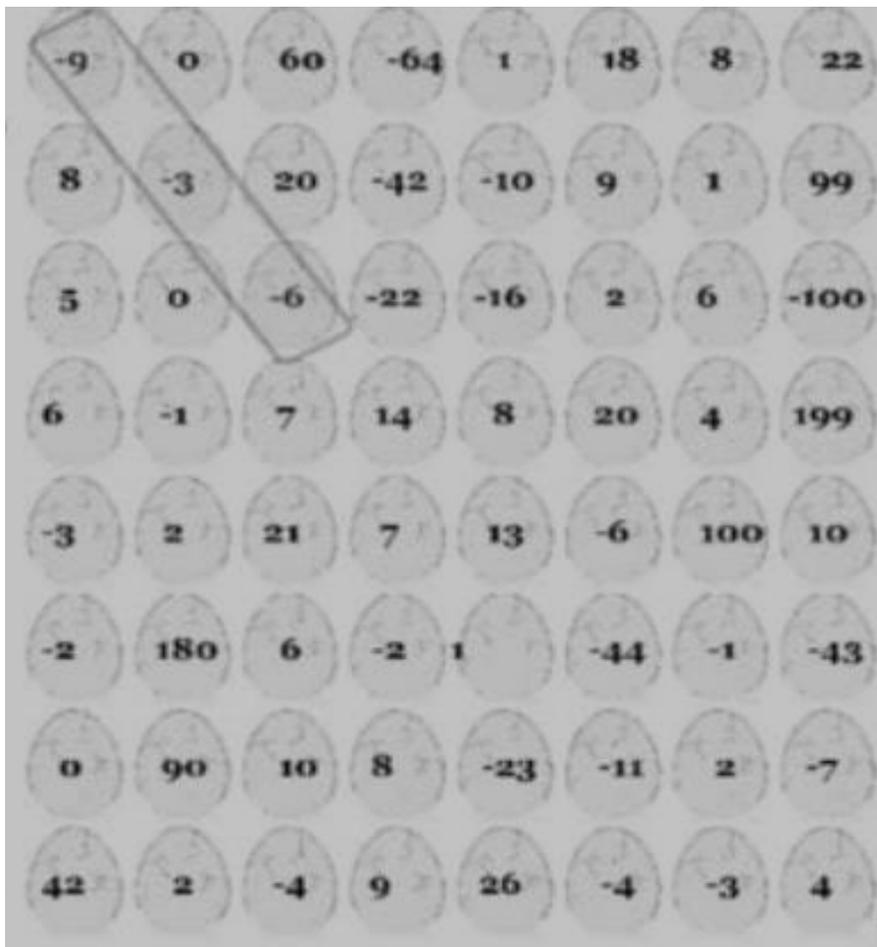
Math

Q.1 Fill in the missing values:

6	+		=	14
+		+		+
	+	9	=	16
=		=		=
13	+		=	

20	-	12	=	
+		+		+
25	-		=	13
=		=		=
	-		=	

Q.4 A set of 3 integers have committed a crime and are hiding now. Find all the three integers in a row, column or diagonal where the third number is the difference of the first and second. One set has been done for you.



Q.3 Shade each set of equivalent fraction, decimal and percentage in same color:

$\frac{12}{100}$	0.63	12%
$\frac{63}{100}$	63%	$\frac{63}{100}$
0.12	$\frac{12}{100}$	12%

0.49	$\frac{99}{100}$	$\frac{89}{100}$
$\frac{99}{100}$	99%	$\frac{49}{100}$
0.89	0.99	99%

0.74	$\frac{39}{100}$	39%
47%	$\frac{74}{100}$	$\frac{47}{100}$
$\frac{74}{100}$	0.39	74%

0.56	$\frac{66}{100}$	%19
$\frac{65}{100}$	%66	$\frac{91}{100}$
%65	0.66	0.91

0.10	10%	$\frac{1}{100}$
1%	0.01	$\frac{1}{100}$
1.00	$\frac{100}{1000}$	100%

0.22	42%	$\frac{24}{100}$
$\frac{42}{100}$	24%	0.42
0.24	$\frac{22}{100}$	22%

0.13	$\frac{13}{100}$	36%
$\frac{33}{100}$	13%	0.36
0.33	33%	$\frac{36}{100}$

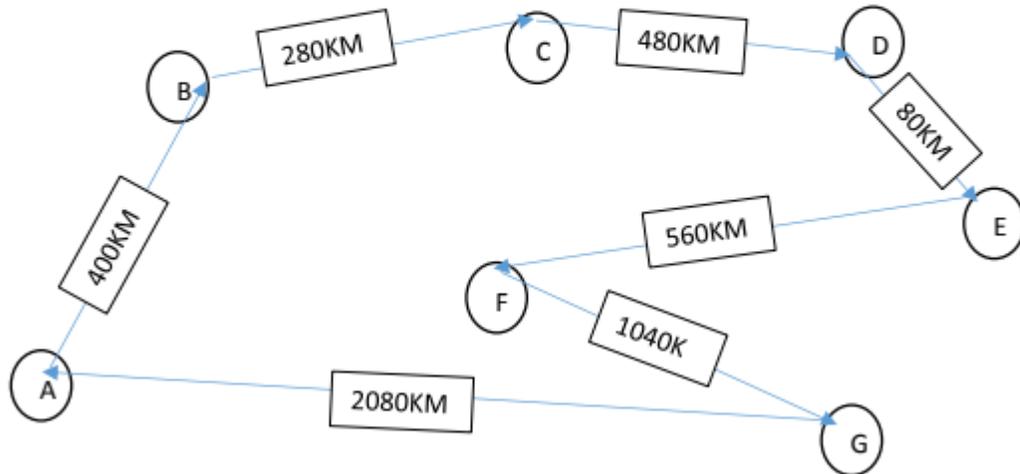
14%	$\frac{48}{100}$.048
$\frac{14}{100}$	48%	0.14
40%	0.48	$\frac{40}{100}$

$\frac{15}{100}$	15%	0.05
0.50	50%	$\frac{50}{100}$
$\frac{5}{100}$	5%	0.15

Q.4

Find the time taken by the car to reach

- (i) A to D (ii) C to G (iii) E to G (iv) total journey (A to A)



Self Assessment

The following interactive links provide skill-based questions on a variety of topics. Challenge, assess and improve your skills for a better start next year!

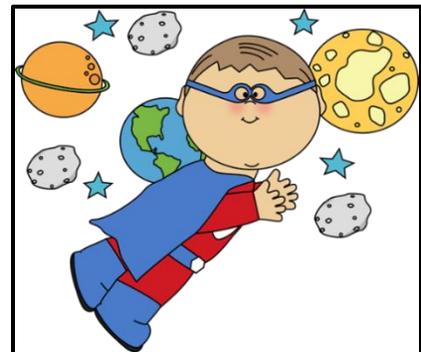
<https://www.ixl.com/math/grade-6>

<http://www.aplusclick.com/t.htm?level=6;t=0>

GEOGRAPHY

Be a NASA researcher:

Find out any new space discovery of NASA. It could be, a planet, asteroid, galaxy or a black hole. Write a report about it with pictures.



URDU

سوال نمبر 1: درج ذیل کتب میں سے کسی ایک کتاب کا بغور مطالعہ کریں اور اس کتاب میں دی گئی معلومات اور کہانیوں پر مبنی ایک تفصیلی جائزہ تحریر کریں:

1- پاکستان کے تہوار اور تقریبات
اُنسیہ بانو اور آمنہ اظفر
یونیورسٹی پریس (مصنف:
(آکسفورڈ

2- لاہور نامہ
مصنف: نیر رباب
پبلشرز (دی بُک

3- باغ و بہار
مصنف : میر امن
(نیشنل بُک فاؤنڈیشن)

سوال نمبر 2: محاورات کا استعمال کرتے ہوئے کسی تفریحی مقام کی سیر کا احوال لکھیں۔

سوال کریں۔ نمبر 3: اپنی امی کے مشورے سے کوئی کھانے کی چیز تیار کریں اور سب گھر والوں کے تاثرات پر مبنی ایک مضمون اپنی سکریپ بک میں تحریر کریں۔

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.



