

My Fun Work

For This Summer, 2015 – 16



Name _____

Class / Sec _____

Teacher _____

School _____

Date Begun _____

Date Submitted _____

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Class VI



ENGLISH

Dear Children,

Summer holiday homework is to keep you active, both mentally and physically. Enjoy doing the homework assigned. All the work should be done on sheets of paper and put up together to make a portfolio. Decorate your portfolio and bring it to school on the first day after the vacation. "Have a nice vacation".

1. Read a novel of your choice and write book review
2. Write a factual article of at least 150 words about any threes of your choice. List the various uses of the tree, paste pictures of the tree and list the products of the tree.
3. Find out about one great personality in history and write at least 200 words about his/her character and achievements



TEXT YOUR KNOWLEDGE

An Interest in Words

A. Match these Sanskrit words with their meanings.

- | | |
|-------------|------------------------|
| 1. Vedas | a. heat |
| 2. Samhitas | b. recollection |
| 3. Tapas | c. rule/method |
| 4. Tantra | d. descent |
| 5. Smriti | e. collections |
| 6. Raga | f. dispelling darkness |
| 7. Nyaya | g. colour/mood |
| 8. Prana | h. knowledge |
| 9. Guru | i. breath |
| 10. Avatar | j. weave |

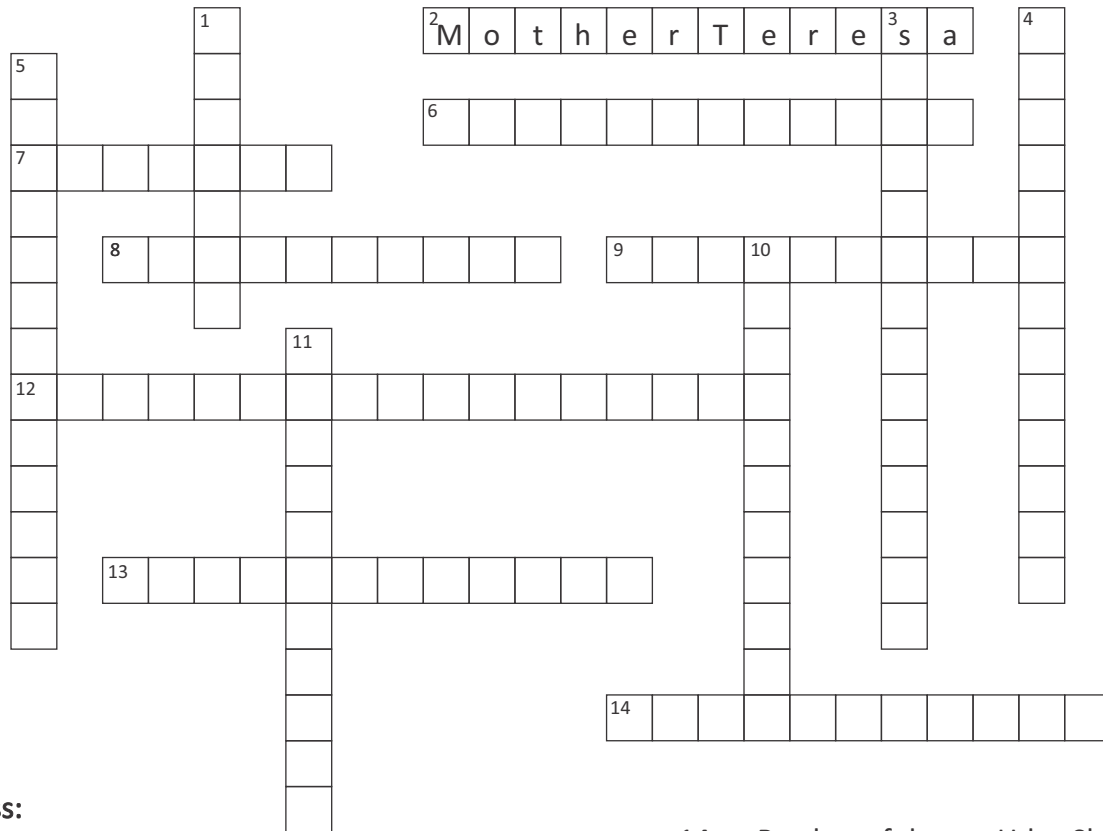
B. Many of these words, now part of the English language, are of Indian origin, while some aren't. Match them with their meanings.

- | | |
|--------------------------------------|---|
| 1. Bungalow (Bengali) | a. sight of a holy person; outlook |
| 2. Mantra (Sanskrit) | b. single-storeyed house |
| 3. Paratha (Hindi, Urdu) | c. member of a band of armed robbers |
| 4. Peon (Portuguese) | d. great spiritual being |
| 5. Mahatma (Sanskrit) | e. open space in town |
| 6. Maidan (Urdu, Hindi) | f. easy, comfortable |
| 7. Darshan (Hindi) | g. hunting of animals |
| 8. Dacoit (Hindi) | h. magic formula |
| 9. Cushy (Anglo-Indian, Urdu, Hindi) | i. fried pancake of unleavened bread |
| 10. Pyjamas (Persian) | j. snack, light meal |
| 11. Shikaar (Urdu, Hindi) | k. messenger |
| 12. Tiffin (Anglo-Indian) | l. comfortable, loose-fitted trousers usually worn at home. |



The Bharat Ratna

The Bharat Ratna, the highest civilian award of our country, is given for exceptional contribution to public service in fields such as politics, the arts, literature and science. Complete the crossword with the help of the clues. They are all Bharat Ratna awardees.



Across:

2. The founder of the Missionaries of Charity (6,6)
6. He was presented with a special Oscar on his deathbed. (8, 3)
7. In 1932, he flew to Mumbai from Karachi in the first ever commercial flight in the subcontinent. (1,1,1,4)
8. One of the founding fathers of our Constitution, he embraced Buddhism. (1,1,8)
9. He was awarded the Nobel Prize for Economics in 1998. (7,3)
12. A Prime Minister of India, he died in 1966, after signing an accord with Pakistan's President Ayub Khan. (3,7,7)
13. A Prime Minister of India, who as a child, during the days of the freedom struggle, organized a children's army called the Vanar Sena. (6, 6).

14. Brother of dancer Uday Shankar, he set to music Iqbals' Saare Jahan Se Achcha. (4, 7)

Down:

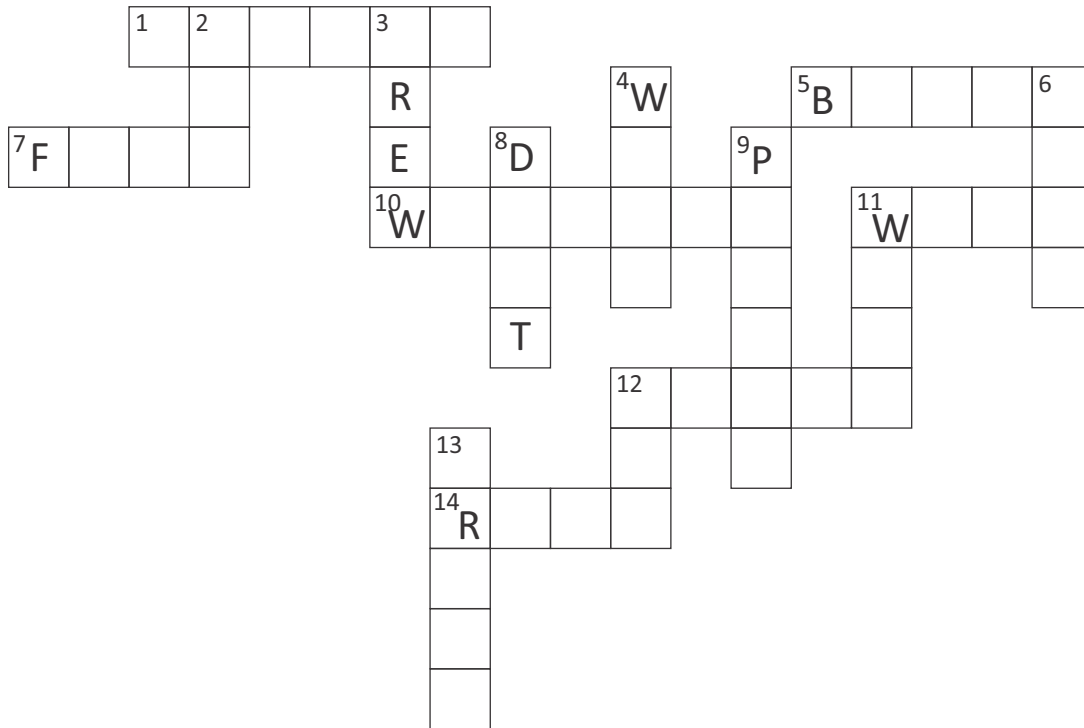
1. An Indian physicist, he won the Nobel Prize. (1,1,5)
3. A philosopher, President and teacher, whose birthday is celebrated as Teachers' Day. (1,13)
4. The former President of South Africa, he spent almost three decades in Robben Island prison (7,7)
5. The only President of India to get the Award before he became President. (1,1,1,5,5)
10. A Prime Minister whose dream was to transform India into a technology superpower. (5,6)
11. The 'Iron Man of India', whom the British feared. (6,5).



ENGLISH

What's the Good Word?

Try and solve this crossword.



Across:

1. To begin something; a large motorboat.
5. A device that clamps things together; also means to reinforce or make stronger.
7. A tool to shape and smoothen; you can create one on a computer.
10. A cat has it; a narrow miss.
11. It could be prefixed to mill, shield, pipe, surfer, screen.
12. A fruit that reminds you of a computer brand.
14. Be reckless; can be an allergy.

Down:

2. A card; an 'unreturnable' serve in tennis.
3. Sailors manning a ship; the name of hairstyle.
4. To keep vigil beside a dead person before burial; cease to sleep.
6. To live within one's income is to make both _____ meet; also, when something reaches its conclusion.
8. Controlling intake of food; Japan's Parliament.
9. To be quick and ready; to give a cue.
11. A fixed, regular payment made to a daily labourer; to carry on a war.
12. A tree, what a fire leaves behind.
13. Symbol of christianity; extremely angry.





Think Logically

- Two identical glasses are filled to the brim with water. One has a piece of wood floating in it. Which glass is heavier?

- Will curd set faster in winter in an ordinary vessel or in a casserole?

- A is the father of B, but B is not the son of A. How are A and B related?

- X is my father's sister's only brother's wife's daughter's grandfather's only son. How is X related to me?

- Name four flowers whose names do not exceed five letters and end with the letters 'y'.

- Name five animals whose names end with an 'x'.

- There are two tigers, one facing north and the other facing south. They are drinking water from the same stream. How is this possible?

- You must always put a metal spoon into a china cup before pouring hot tea into it. Why?



Date	Month	Year
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9. If there is a fire in the house caused by short circuit, which of these should you do first?
 - a. pour water on the fire
 - b. switch off the mains
 - c. pour sand on the fire
10. If you have a little nephew who is about eight months old, which of these could you give him to play with?
 - a. a soft toy
 - b. a metal can
 - c. a toy made of non-toxic, moulded plastic
11. If a couple is celebrating its ruby wedding anniversary and you wanted to light a candle for each year, how many candles would you light?



12. Rahul is taller than Ravi. Rohan is taller than Rahul. Rajat is not shorter than Rahul. Who is the shortest of the four?

13. Which is safer to use as a tea cup—a thick-walled cup or a thin-walled cup?

14. Which is easier to climb—a greasy pole or a rough pole?





HINDI

ग्रीष्मावकाश गृह-कार्य

नीचे दिए गये सभी अभ्यासों को एक पेपर पर लिखकर अपने पोर्टफोलियो में संलग्न करें।

- पक्षियों को पिंजरे में बंद करने से केवल उनकी आजादी ही नहीं छीनी जाती बल्कि पर्यावरण भी प्रभावित होता है। इस विषय पर कुछ पंक्तियाँ लिखो।



- किसी ऐतिहासिक महापुरुष अथवा महिला के चरित्र एवं उपलब्धियों के विषय में कम से कम २०० शब्द लिखिए।
- अपनी पसंद के विषय का कोई उपन्यास पढ़िए और उसका पुनर्वलोकन कीजिए और लिखिए।
- अपनी पसन्द के किसी एक वृक्ष की विशेषताएँ एवं उसके विभिन्न उपयोगों के विषय में कम से कम १५० शब्दों में अपने विचार व्यक्त कीजिए। वृक्ष का चित्र चिपकाइए तथा उससे प्राप्त होने वाली वस्तुओं की सूची बनाइए।



MATHS

1. Fill in the table below with information about your family members.

Name of Family Members	Relationship With You	Age	Height	Weight

On the basis of the above information, answer the following:

- Whose age is maximum?
- Whose height is maximum?
- What is the average weight of the members of your house?
- What is the difference between the maximum and minimum age in you family?

2. Fill the table below for any 20 consecutive days.

Day / Date	Activities	Number Of Hours
	Played game	
	Watched T.V.	
	Slept	
	Studied	
	Played game	
	Watched T.V.	
	Slept	
	Studied	
	Played game	
	Watched T.V.	
	Slept	
	Studied	
	Played game	
	Watched T.V.	
	Slept	
	Studied	

Date	Month	Year
------	-------	------



_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	

Date	Month	Year
------	-------	------



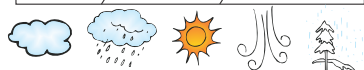
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	
_____	played games	
	watched T.V.	
	slept	
	studied	

On the basis of the above tabulated information, answer the following:

- How many days did you not study at all? _____
- Number of days you played for more than two hours. _____
- Total number of hours you spent in watching T.V. _____
- Total number of hours you spent in playing games. _____
- Average number of hours you spent in studying (Avg = Total hours ÷ no. of days) _____

3. Find the perimeter and area of at least four rectangular objects in your house.

Name of the object	Length (L)	Area	Perimeter
	Breadth (B)		
	L		
	B		
	L		
	B		
	L		
	B		
	L		
	B		



4. Do the following conversions:

a. 1 h = _____ min

b. 1 hr = _____ sec.

c. 6 h = _____ min

d. 3 hrs = _____ sec.

e. 20 h = _____ sec

f. 1 min = _____ sec

g. 17 min = _____ sec

h. 85 min = _____ sec

i. 250 h = _____ min

j. 315 min = _____ sec

k. 115 h = _____ sec

l. 3600 min = _____ hrs

m. 480 sec = _____ min

n. 720 sec = _____ min

o. 7200 sec = _____ h

p. 5 min = _____ sec

q. 65 min = _____ sec

r. 120 min = _____ sec

s. 600 min = _____ h

t. 13 h = _____ sec

u. 91 min = _____ sec

5. Do the following multiplication of integers:

We know that :

$(+) \times (+) = +$ $(-) \times (-) = +$ $(+) \times (-) = -$ $(-) \times (+) = -$
--

a. $(-15) \times (-5) =$

b. $a \times (-11) =$

c. $(-19) \times 3 =$

d. $2 \times (-6) \times 5 =$

e. $(-1) \times (-7) \times (-8) =$

f. $(-a) \times (-62) \times 0 =$

g. $15 \times (-5) \times 1 =$

h. $(-3) \times (-4) \times 8 \times 12 =$

i. $(-2) \times (-5) \times (-6) \times 9 =$



Beautiful Patterns

Shade the correct option with your pencil:

Example:



is the same as:

- ☐ (a) 2122122 ☒ (b) 121221222 ☐ (c) 1221112222211122222 ☐ (d) None of these

Answer: If each cup represent 1 and the each spoon represents 2, then the above pattern can be represented as 121221222.

Hence the correct answer is (b)

- (1) If the pattern continues, what will be the next figure?

- ☐ (a) ☐ (b) ☐ (c) ☐ (d) None of these

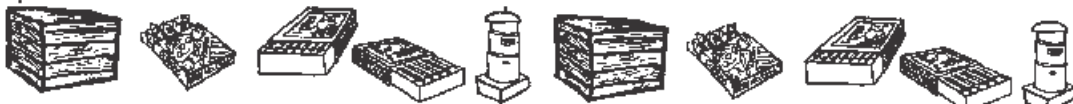
- (2) Look at the pattern

Which letter pattern matches the figures pattern?

(a) matches the figures pattern?

- ☐ (a) F B F B F B ☐ (b) F B D F B D ☐ (c) F F F B B B ☐ (d) F B F F B F F B

- (3) The first ten shapes in a pattern are shown below.
The pattern repeats after every 5 shapes.

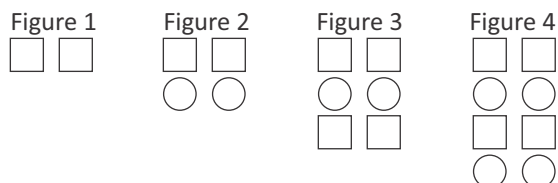


If the pattern continues to repeat in the same way, what will be the 13th shape in the pattern

- ☐ (a) ☐ (b) ☐ (c) ☐ (d)

- (4) Rita used circles and rectangles to make a pattern. For figure 1 she used two rectangles. For figure 2, she added two circles. She continued the pattern by adding two rectangles, then two circles. What will be the total number of circles in figure 6?

- ☐ (a) 2 ☐ (b) 4 ☐ (c) 6 ☐ (d) 8





TIME ZONES

Example:

The time in India is 3:00 A.M. on January 1st. Find the time in Toronto, Canada

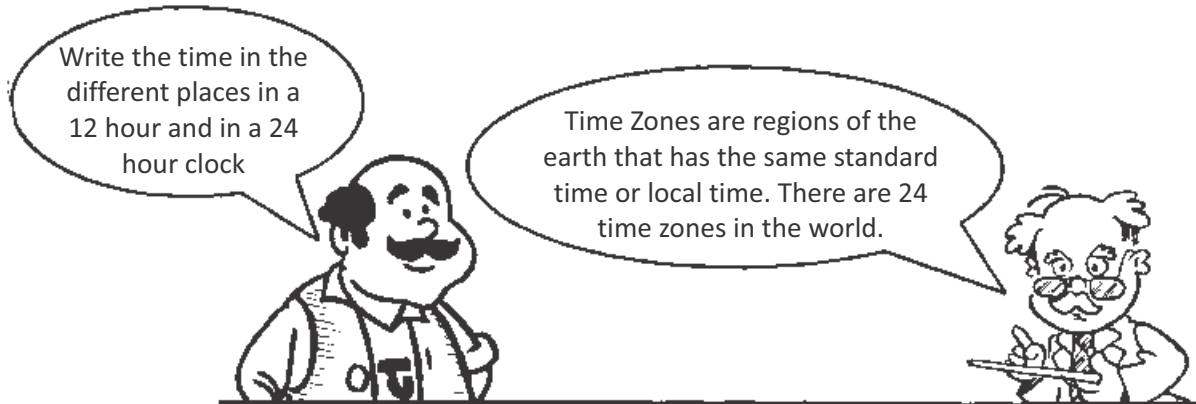
Toronto is 10½ hours behind India,

To calculate the time in Toronto 1st subtract 3 hours from Indian time that will be (2:00 A.M., 1:00 A.M. on Friday, 1st January, 12 midnight on Thursday, 31st December)

Next subtract 7 hour from 12 midnight (11 P.M., 10 P.M., 9 P.M., 8 P.M., 7 P.M., 6 P.M., 5 P.M.)

Next subtract ½ hour from 5 P.M. that will be 4:30 P.M.

Hence the time in Toronto, Canada is 4:30 P.M. or 16:30 on Thursday, 31st December



If the time is 10:00 A.M. on 24th June in India then write the time in the following countries in the 12 hour and 24 hour clock

- | | 12 hour clock | 24 hour clock |
|---|----------------------|----------------------|
| 1. Sydney, Australia is 5½ hours ahead of Indian time.
The time in Sydney, Australia is _____ on 24th June. | <input type="text"/> | <input type="text"/> |
| 2. New York, USA is 10½ hours behind Indian time.
The time in New York, USA is _____ on 23rd June. | <input type="text"/> | <input type="text"/> |
| 3. Pakistan is ½ hour behind Indian time.
The time in Pakistan is _____ on 24th June. | <input type="text"/> | <input type="text"/> |
| 4. Seoul, South Korea is 3½ hour ahead of Indian time.
The time in Seoul, South Korea is _____ on 24th June. | <input type="text"/> | <input type="text"/> |
| 5. Johannesburg, South Africa is 3½ hour behind Indian time.
The time in Johannesburg, South Africa is _____ on 24th June. | <input type="text"/> | <input type="text"/> |



MATHS

6. Find the LCM of the following numbers:

- | | |
|------------------------|-------------------------|
| a. 60, 75 _____ | b. 28, 36, 45, 60 _____ |
| c. 25, 40, 60 _____ | d. 21, 28, 36, 45 _____ |
| e. 240, 420, 660 _____ | f. 80, 85, 90 _____ |

7. What is the cost of 6 kg of mangoes, if 4 kg of mangoes cost Rs 136?

- | | |
|-----------|-----------|
| a. Rs 190 | c. Rs 150 |
| b. Rs 204 | d. Rs 360 |

8. An aeroplane flies 4000 km in 5 hours. How far does it fly in 3 hours?

- | | |
|-------------|-----------|
| a. 2400 km | c. 800 km |
| b. 12000 km | d. 667 km |

9. A car travels 165 km in 3 hours. How far will it travel in 7 hours?

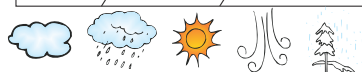
- | | |
|-----------|-----------|
| a. 290 km | c. 390 km |
| d. 385 km | d. 210 km |

10. Find the following:

- | | |
|-------------------------|----------------------------|
| a. 30% of Rs 180 _____ | b. 10% of 370 litres _____ |
| c. 60% of Rs 8000 _____ | d. 140% of 420 kg _____ |
| e. 75% of 1 kg _____ | |

11. Yasharth scored 90% marks in an examination. Find the marks scored by Yasharth, if the maximum marks is 800.

- | | | | |
|--------|--------|--------|--------|
| a. 600 | b. 720 | c. 500 | d. 790 |
|--------|--------|--------|--------|













SCIENCE

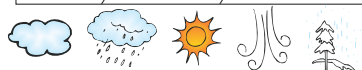
1. Prepare a balanced diet chart for a ten year old child.

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2. When you eat out, note down the things you eat and find out their calorific value. Write at least 10-12 things.

Food Items	Calories
Samosa 	256
Sweet dish 	150
Pizza 	263
Rice 	420/100 gms
Pulses 	140
Curd 	60
Potatoes 	140
Chapatis 	100
Mango 	135
Watermelon 	86

Food Items	Calorific Value



Social Studies

1. Make paleolithic tools using various things like M-seal, wood, stone, clay etc.
 - You can give shape to clay with a scale. When it dries up, tie a pointed end to a stick.
 - Small chips of wood can be used to depict 'microliths'.
2. Write a note on the topic "If I was a Paleolithic Man" in your notebook.

Help Box

How would he search for fruits, leaves, stems and animals (to hunt)?

Sometimes he felt tired yet he had to go out in search of food.

How he lit fire by striking one stone against the other to keep himself warm and to scare away wild animals?

3. Do comparative study of a Modern Man and a Paleolithic Man. In terms of home, food, clothing, tools and township. Note down your findings in your notebook.
4. Using pictures, depict your dresses, food, festivals, crops, minerals and lifestyle of different states of India. (You can choose any ten states for your research.) Paste the pictures in your scrapbook.



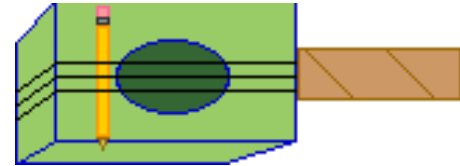
ART and CRAFT- fun work

(1) Box Guitar

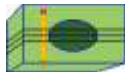
This is an easy way to make a guitar.

Materials required

- old shoe box or tissue box
- a pair of scissors
- a pencil
- rubber bands
- a paper-towel tube



Find an old shoe box, tissue box, or other cardboard box. Take the help of an adult to cut an oval shaped hole in the top.



Stretch a few rubber bands around the box and over the hole.



Put a pencil under the rubber bands on one side.



Optional: Tape on a paper-towel tube and decorate the box.

(2) String-covered Vase

This pretty rainbow coloured string-covered vase used to be a hot sauce bottle! What a fun way to give a new and beautiful look to an old container.

Materials required

- old bottle
- coloured string
- fevicol
- strip of green cloth measured to go around the top of the bottle
- toothpick or a small stick
- a pair of scissors



Methodolgy:



Be sure that the glass bottle is clean and dry. Apply fevicol all around the bottom part of the bottle, one inch high. Start wrapping the coloured string around the bottom of the bottle. Continue wrapping, keeping the string close together, gently pushing down with a toothpick if needed. Add more glue and continue wrapping the string until you reach the top of the bottle. Cut a piece of cloth wide enough to cover the lip of the bottle and long enough to wrap around it once. Glue in place. Allow everything to dry completely.



(3) Magazine Holder

Materials required:

- empty cardboard box
- a pair of scissors
- fevicol
- printed craft paper

Procedure:

1. Cut out the top of cardboard box. Halfway across the top of box, cut at a 45 degree angle down to front of your magazine holder, cut straight across and then back up other side at the same angle.
2. Paste printed paper all around.
3. You may join two boxes together.
4. Any kind of decorating technique can be used. Try to decorate the front of the boxes so that when lined up, they all coordinate with each other.



(4) Scrap Cloth Pencil Holder

Don't throw away those bits and pieces of cloth that are left over from all your various projects. Save them and make new projects, such as this adorable and unique scrap cloth pencil holder.

Materials required:

- empty aluminum cold-drink can
- white acrylic paint
- paintbrush
- fabric scraps
- a pair of scissors
- fevicol
- water



Procedure:

1. Mix together equal parts of fevicol and water. Mixture should be paintable but not too thin.
2. Paint the can with one coat of white acrylic paint. Let it dry.
3. Start anywhere on the can and paint a small amount of glue mixture on to the surface. Apply a fabric scrap and paint more of the mixture over the top of the fabric scrap and smooth it out. Repeat this process, overlapping the fabric scraps so that none of the can's surface shows through.
4. Use scissors to trim any pieces of fabric that are sticking out above the can.
5. Let it dry completely before using.

Certificate Of Appreciation

I am proud that my son / daughter _____,

a student of _____ has completed

his/her holiday homework. For this he / she deserves heartfelt
appreciation.

GOD BLESS!

Father

Mother

Date

My Fun Work

For This Summer



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