

My Fun Work

For This Summer, 2015 – 16



Name _____

Class / Sec _____

Teacher _____

School _____

Date Begun _____

Date Submitted _____

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Date	Month	Year
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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 the book review.
2. Write a speech in which you explain to a group of people why it is important to save the rainforests.
3. Imagine you are a scientist and you have done one invention. Describe your invention and share your journey to your invention.



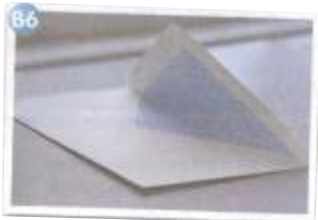
BRAIN TEASERS

A. Combine the words on the left with those on the right to form new words.



- | | |
|-----------|------------|
| 1. Moon | a. leader |
| 2. Arm | b. sand |
| 3. Ring | c. hold |
| 4. Screw | d. thrift |
| 5. Quick | e. tale |
| 6. Strong | f. chair |
| 7. Spend | g. crow |
| 8. Tell | h. law |
| 9. Scare | i. light |
| 10. Out | j. driver |
| 11. After | k. act |
| 12. Draw | l. heart |
| 13. Sweet | m. thought |
| 14. Home | n. lasting |
| 15. Inter | o. devil |
| 16. Ever | p. throw |
| 17. Dare | q. looker |
| 18. Over | r. caster |
| 19. On | s. sick |
| 20. News | t. back |

B. Here are partially spelt words. Some letters are missing from each. Write the correct letters in the blanks.



- | | |
|--|-----------------------|
| 1. A vegetable used to make salad: | ___ T ___ E |
| 2. It means clear: | D ___ T ___ C T |
| 3. Massive, huge: | G ___ T ___ C |
| 4. A round roof with a circular base: | ___ E |
| 5. To concentrate: | F ___ S |
| 6. A wrapper or covering especially for letters: | E ___ E ___ E |
| 7. To achieve: | A C C ___ L ___ S ___ |
| 8. To watch carefully: | O ___ E ___ E |
| 9. To announce officially: | P ___ O C ___ M |
| 10. To tremble or shiver: | Q ___ V ___ |
| 11. Change shape of: | D ___ T ___ R ___ |
| 12. Sight: | ___ S ___ O N |



THINK HARD

A. Items of clothing too have found a place in the English language—some of them are only used in conversation. Replace the words in italics with phrases given below that have a similar meaning.

1. Mala's grades were poor in the second term, so the teacher asked her *to get serious and work harder*.
2. After his graduation, Peter got a *job in a corporate office*.
3. Kavita was talking out of turn and her grandmother said she was getting *too cheeky for her age*.
4. He came across as a soft-spoken and kind man, but he was *not what he appeared to be*.
5. When Sharad got angry with the shopkeeper, his wife said, '*Keep your cool*.'
6. Reena hosted a lavish party but could not pay the bill. The restaurant owner angrily said, '*You should always live within your means*'.
7. Preeti said that her new dress '*fitted her perfectly*'.
8. Shivam got excellent results in his examinations despite being unwell for the entire term. The teacher applauded him saying, '*Very well done!*'

white collar job

hats off to you

fitted her like a glove

keep your shirt on

a wolf in sheep's clothing

pull up her socks

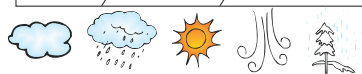
cut your coat according to the cloth

too big for her boots

B. In English, there are many expressions consisting of two words, joined by the conjunction 'and', that help us to make what we want to say more forceful or vivid. Try and see if you can fill in the blanks.

1. He disliked the hotel so much that he decided to leave it the next day, bag and _____.
2. It was raining _____ and _____ and the cricket match had to be abandoned.
3. The NGO was thinking of _____ and means of raising funds.
4. I sat in one place for so long that I got needles and _____ in my feet.
5. One must look at the matter without any prejudice _____ and square, to come to the right decision.
6. The teacher said to the class, 'If the pupil who has done this admits his mistake, well and _____ if not, the whole class will be punished.'
7. After he won the lottery and became rich overnight, he became very _____ and mighty.
8. Nobody likes a long speech and the golden rule is to keep it short and _____.





KNOW YOUR BODY

An organ is a group of tissues working together to carry out a major activity in the body—for example, the heart, the liver, and so on. Groups of organs form organ systems.

- A. The main organ systems are: the skeletal system, the nervous system, the respiratory system, the circulatory system, the digestive system and the excretory system.

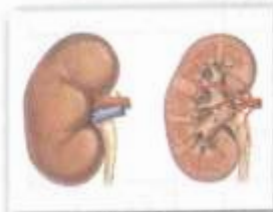
To which organ group do these body parts belong?



brain



heart



kidneys



lungs



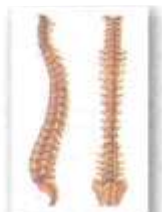
retina



liver



pancreas



vertebral column



taste buds



stomach



KNOW YOUR COUNTRY

A. Complete this table.

	Landmark	Location	State / UT
1.	Sun temple	_____	Orissa
2.	Vivekananda Rock	Cape Comorin (Kanyakumari)	_____
3.	_____	Main square, Old goa	Goa
4.	Sanchi Stupa	_____	_____
5.	Bhul Bhulaiya	_____	_____
6.	_____	Mysore	Karnataka
7.	_____	Portblair	Andaman and Nicobar
8.	_____	Amritsar	Punjab
9.	Lalbagh Botanical Garden	_____	_____
10.	Shalimar Bagh	_____	Jammu and Kashmir
11.	Kumrahar excavations	_____	Bihar
12.	Kamakhya Mandir	_____	Assam





BRUSH YOUR VOCABULARY

Here are some words you hear on TV or come across in the newspaper. Match them

- | | |
|------------------|---|
| 1. joint venture | a. An association of two or more political parties |
| 2. Newsworthy | b. A thorough investigation |
| 3. Terrorism | c. A business project that is begun by two or more companies |
| 4. Inflation | d. A dishonest scheme for making money |
| 5. Coalition | e. Done secretly |
| 6. Probe | f. Dishonest act for money or personal gain |
| 7. Scam | g. A person (usually a woman) who looks after the home and family |
| 8. Corruption | h. Time by which a job or task must be completed |
| 9. Undercover | i. Providing information while entertaining |
| 10. Infotainment | j. The use of violence, usually to put pressure on a government or to attract attention |
| 11. Deadline | k. Important enough to be reported about; something that people will want to read about |
| 12. Homemaker | l. Rise in prices that causes hardships to the common man |
| 13. Stress | m. A wealthy and powerful person in business or industry |
| 14. Tycoon | n. Tension or worry resulting from problems in one's life |
| 15. Fantabulous | o. A position / responsibility for which one does not get paid |
| 16. Honorary | p. Beyond or more than fabulous (fantastic + fabulous) |



Ratan Tata
A famous business tycoon



A daring act of terrorism - attack on the
Taj Hotel and other places in Mumbai

Listen and Talk

Find out what happened on 26 November 2008 in Mumbai. Can terror attacks and the killing of innocent people be justified?



Find Out...

...what these legal terms mean:
accused, bail, convicted, hearing,
prosecution, defence, witness, and
judgement and sentence.



LOGOS AROUND

- A. A logo is a printed symbol used by a company or an organization as its emblem. When you see these logos, which organization or company do you immediately think of?



1 _____



2 _____



3 _____



4 _____



5 _____



6 _____



7 _____



8 _____



9 _____

- B. Sometimes, a company's or a brand's logo is better known than even the name of the company! Identify the companies or brands that use these logos and write.



1 _____



2 _____



3 _____



4 _____



5 _____



6 _____



7 _____



8 _____

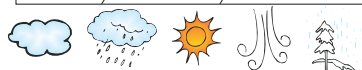


9 _____



HINDI

१. अपनी मम्मी या घर के किसी अन्य बड़े सदस्य से अपनी मनपसंद खाने की चीज सिखें। बनाते समय खाने की विधि लिखें। घर के सभी लोगों से पूछें कि आपका बनाया खाना उन्हें कैसा लगा। उनका अनुभव लिखें:
२. किसी भी विषय पर स्वरचित कविता लिखिए।
३. “पढ़ो और आगे बढ़ो”।



MATHS

- List any ten objects you have in your house in the table below. Weigh them and write their weight in the box below. (Don't forget to write the unit.)

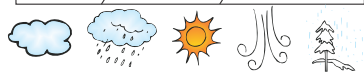
S.No.	Object	Weight	S.No.	Object	Weight
1.			6.		
2.			7.		
3.			8.		
4.			9.		
5.			10.		

- Complete the table given below.

Number of members in your house	
Number of members employed	
Number of members who live at home for whole day	
Number of members who study	

Draw a bar graph the above data in the space below.

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



3. Record the maximum and minimum temperatures of any 15 days of a month

Date	Maximum temperature	Minimum temperature

- a. Find the average of maximum temperature for the 15 days.

- b. Find the average of minimum temperature for the 15 days.

- c. Find the difference between the average maximum and minimum temperature of the first five days and the last five days.



4. Find the circumference of at least five circular objects of your house. Name the objects and write their circumference. Also mention the process used to find out the circumference.

5. Find out and note down the rate of the vegetables mentioned below for a week. Find the average rate of the vegetable for one week. Find the costliest and cheapest vegetable for that week. Record your observation in the table below.

Name of the Vegetable	Rate / kg	Rate / kg	Rate / kg	Rate / kg	Rate / kg	Rate / kg	Rate / kg	Avg rate / kg
Potato								
Tomato								
Onion								
Lady finger								

6. Collect data regarding height and weight of your family members. Record the same in the table below.

Family Member	Height in cm	Weight in kg
Mother		
Father		
Brother I		
Brother II		
Sister I		
Sister II		
Your		

- a. Who is the tallest _____?
- b. Whose weight is maximum _____?
- c. What is the difference between the maximum and minimum weight _____?

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



7. Simplify the following and tick (✓) the correct answer:

a. $\frac{7}{9} + (-4) =$ _____

b. $\frac{3}{4} + \left(\frac{2}{5} + \frac{-4}{7}\right),$ _____

(i) $\frac{9}{43}$ (ii) $\frac{43}{43}$ (iii) $\frac{-43}{43}$

(i) $\frac{140}{129}$ (ii) $\frac{39}{129}$ (iii) $\frac{-129}{129}$

c. $\frac{15}{7} - \frac{11}{7} + \left[\frac{-6}{7}\right] - \left[\frac{-3}{7}\right],$ _____

d. $\frac{2}{5} - \frac{8}{3} + \frac{-11}{15} + \frac{4}{5} + \left[\frac{-2}{3}\right],$ _____

(i) $\frac{7}{17}$ (ii) $\frac{21}{17}$ (iii) $\frac{17}{17}$

(i) $\frac{21}{51}$ (ii) $\frac{17}{51}$ (iii) $\frac{37}{51}$

8. If the cost of 20 balls is ₹ 60, then how many balls can be bought for ₹ 75 ?

- a. 29 balls b. 31 balls c. 25 balls

9. A machine takes 5 hours in cutting 120 tools. How many tools will it cut in 20 hrs ?

- a. 120 tools b. 20 tools c. 480 tools

10. Find the following:

a. Selling Price = ₹ 100
Cost price = ₹ 80
Profit = _____

c. Loss = ₹ 50
Cost Price = ₹ 700
Selling Price = _____

b. Cost price = ₹ 900
Selling Price = ₹ 1100
Profit = _____

d. Profit = ₹ 90
Cost price = ₹ 1090
Selling Price = _____

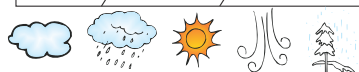
11. Fill in the blanks:

a. 1 km = _____ metres

20 km = _____ metres

b. 1 m = _____ cm

70 m = _____ cm



SCIENCE

1. List any ten animals and write the kind of food they eat. Also, write the mode of feeding (scrapping, chewing, siphoning, capturing, swallowing, sparging, sucking etc.) on a sheet of paper and attach to your portfolio.

Animal	Food	Mode Of Feeding

2. Visit a nearby dentist. Discuss with him about the structure of teeth, oral hygiene, need for braces, composition of toothpaste etc. Clarify your other doubts. Prepare a report about your visit and facts learnt by you. (Make a project file)
3. Find out the names of different fertilizers used in the field. Also, state the reason why fertilizers are used in the fields. Write on sheets of paper and add to your portfolio.
4. List any five organisms having the following mode of nutrition:

a.	Heterotrophic					
b.	Parasitic					
c.	Autotrophic					
d.	Saprotrophic					
e.	Symbiotic					

5. Take three potted plants. Label them A, B and C. Follow the instructions given below with the three potted plants:
 Plant A: Don't water it.
 Plant B: Keep away from sunlight.
 Plant C: Take out all the leaves of Plant C. Keep it for few days and water it regularly.
 Record your observation after ten days and draw conclusions on a sheet of paper and add to your portfolio. Sample of a table is given below:

Plant A	Plant B	Plant C
Observation	Observation	Observation
Conclusion	Conclusion	Conclusion



Social Studies

1. Taj Mahal is one of the seven wonders of the world. Research on how long it took to build the Taj Mahal. Also, collect pictures related to emperor Shah Jahan. Find details about his architecture and administration. Finally, prepare a project report of 3 to 4 pages.
2. Make a list of various items which are used by your mother in her kitchen. Find the cost of various vegetables and pulses available in the market. Discuss with your parents and make a monthly budget for your house in your geography notebook.

OR

Assume you have designed a product and you want to launch it in the global market. Prepare an advertising plan (maximum two pages) on how will you launch your product world wide and why should people buy your product.

3. Indian cinema is the most diverse cinema. Watch any five movies based on social issues (for example, Taare Zameen Par) and write a critical analysis of each movie. (one page on each movie). Use ruled sheets and add to your portfolio.



ART and CRAFT- fun work

(1) Bouquet of Family Photo Flowers

Materials required:

- construction paper of various colours
- glue stick
- photos of your family members
- a pair of scissors
- tape
- green painted sticks, one for each flower
- optional: patterned paper



Procedure:

1. Cut photos into circles to be used as the centre of the flower.
2. Cut simple flower shapes out of the construction paper.
3. Glue the circular photos to the centre of the flower.
4. This step is optional: Glue construction paper flower to a piece of patterned paper. Cut around the flower, giving your construction paper about a half inch border of patterned paper.
5. Tape green stem to the back of your flower. Make sure the tape is secure by pressing onto the tape with your fingernail.
6. Trim ends of stems to the length you desire, depending on what you are using as a vase. If making a handheld bouquet, don't trim the stem; simply tie a ribbon bow around them all.

(2) Sunshine Flower Pot

Materials required:

- styrofoam glass(disposable white glass)
- small chunk of floral foam or thermocol
- colourful buttons
- fevicol
- yellow acrylic paint
- paintbrush
- a pair of scissors



Procedure:

1. Paint the glass yellow from both inside and out side. Let it dry completely.
2. Glue the colourful buttons around the rim of the glass and let dry.
3. Glue small chunks of floral foam inside the glass to insert stick flowers.
4. If using this project to hold paper flowers, shred or cut out some green construction or tissue paper to cover the floral foam.



(3) Pencil Wands

Materials required:

- black, brown or any other coloured pencil
- double stick tape (optional)
- black paint and paintbrush (optional)
- gold star garland, feathers or other decorations
- wire cutters
- clear tape (optional)



Procedure:

1. If your pencil is not of the desired colour, paint it and let it dry.
2. Optional: Cut off a piece of double stick tape long enough to wrap around the metal part of the pencil eraser. Wrap the tape around the metal piece.
3. Gold or Silver Stars: Take the gold star garland and start wrapping it around the pencil, pressing as you wrap to adhere it to the tape. When you reach the end of the tape, cut the wire and tuck end inside under previously placed garland.

OR

Feathers: Place one or more feathers, with ends on tape and feathers above eraser. When finished, top with a piece of regular clear tape to seal the double stick tape.

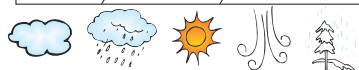
(4) Juice Box Dolls

Materials required:

- empty rectangular juice box container (frooty etc.)
- construction paper of your favourite colours
- yarn
- two large wiggle eyes (for each doll) or bindi
- felt scraps (for pigtail ties)
- black marker
- glue stick
- clear tape
- white craft glue
- a pair of scissors



Date	Month	Year



Procedure:

1. Starting with the straw opening, carefully cut open the top of the juice box but do not cut off the top.
2. Wash out the juice box and let it dry completely before moving on to the next step.
3. Cover the juice box container with construction paper using a glue stick.
4. Try wrapping the box as if you were wrapping a birthday present!
5. Tape both ends of the box if the glue stick does not hold.
6. Cut strips from the construction paper for arms and legs about 10" long for legs and 6" long for arm.
7. Fold strips accordion style and then use glue stick to attach the arms to the sides of the container and the legs to the bottom of the container.
8. Cut squares from black construction paper to make shoes and glue to the end of the legs.
9. Use white craft glue to attach the wiggle eyes to the front of the container.
10. For the girl dolls, cut yarn into 6" lengths. Put white glue all over the top of the container and center the strands across it.
11. Use small strips of scrap felt to gently tie (felt rips easily, be careful) sides of hair into pigtails. Trim ends of yarn so that they are even.
12. Cut 1/2" lengths of yarn for girl's bangles and glue in place.
13. For the boy doll, cut yarn into short pieces about 3/4" long. Put glue on the top of the container and add pieces to the glue, covering the container top.
14. Draw smiles on it with black marker.

Tips:

Instead of felt, you can use scraps of ribbon to tie the pigtails.

Decorate dolls in whichever way you like. Attach buttons, bow ties, and flowers .Let your imagination run wild!

Place these adorable dolls on a shelf so that their legs hang over the edge.

(5) Solar System Model

This is a model of our Solar System, picturing the Sun and the eight planets along with the dwarf planet that orbit it: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto (a dwarf planet).

Nicolaus Copernicus (1473-1543) was a Polish astronomer who developed the Copernican system, a model of the solar system in which all the planets orbit the Sun.

Materials required:

- A round piece of cardboard about 1 ft across (the cardboard from a frozen pizza works well)
- Lots of coloured construction paper
- a pair of scissors
- Tape
- String
- Pencil, crayons or markers
- A compass (for making circles)

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



Procedure:



Find the centre of the large cardboard circle by drawing a line from top to bottom and another line from right to left. The point where these two lines meet is the centre of the circle. This will be the position of the Sun.



Using a compass, draw the orbits of the 9 planets (draw circles around the center of the piece of cardboard).

The first four planets orbit relatively close to the Sun, then there is a gap (this is where the asteroids orbit). Then the last five planets orbit very far from the Sun.



Using the sharp point of a scissors or a large nail, punch a series of holes in the cardboard. First punch a hole in the centre (this is where the Sun will hang). Then punch one hole somewhere on each circle (orbit); a planet will hang from each hole.



Cut circles from oak tag to represent the Sun and each of the planets. Since the range in the size of the Sun and the planets is far too large to represent accurately, just make the Sun the biggest. Make Jupiter, Saturn, Uranus and Neptune a bit smaller than the Sun. Make the remaining planets much smaller. Saturn has beautiful rings. Write the name of each planet on its back.



Tape a string to each planet (and the Sun). Lace the other end of each string through the correct hole in the large cardboard circle (Mercury goes in the inner orbit, Venus goes in the second orbit, Earth goes in the third, etc.). Tape the end of the string to the top side of the cardboard.

After all the planets (and the Sun) are attached, adjust the length of the strings so that the planets (and Sun) all lie in a plane.



To hang your model, tie three pieces of string to the top of the cardboard - then tie these three together. Tie them to a longer string (from which you'll hang your model).

You now have a model of our solar system.



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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