1. Compose a poem about an incident when you wanted to go out but had to stay in the classroom and were forced to study. Say how you felt and what you would have done had you been able to go out.

2. Read chapter 1 to 5 of the novel Great Expectations. Make a comic strip of any one of the chapter.

3. Prepare a PPT on the given topics (roll no. wise)
   - SAVE EARTH for World Environment Day (1-5)
   - FATHERS: A BLESSING for Father’s Day (6-11)
   - NUCLEAR TECHNOLOGY: A BOON OR A BANE (12-17)

4. There is an English Ability test on 8 July 2011. Prepare reading comprehension, grammar topics and the writing skills for the same.

   Computer

Read Chapter – Flash

Social Studies
Prepare a project work on Tribals, Dikus and visions of Golden Age.

हिंदी

क ‘मेरे पापा’ विषय पर स्वतंत्रता कविता लिखिए।
ख ‘करत-करत अभ्यास के जड़भंती होत सुजान’ विषय पर 100 शब्दों में अपने विचार प्रस्तुत कीजिए।
ग प्रेमवंद का कोई एक उपवास पढ़िए।
घ कौंद की दूसरी हुई चूड़ियों से प्राकृतिक दृश्य बनाए।

संस्कृत

1. मम उपस्थत्वम् , मम विद्याधिनः पर सक - सक अनुशीष्ट लिखिए।
2. केवल 5 विलोकन पर 5-5 वाक्य बनाइए।
3. बालक ,फल , लता के रूप शब्द वे लिखिए।
AMITY INTERNATIONAL SCHOOL, VASUNDHARA SECTOR 1

SCIENCE WORKSHEET

CLASS VIII

(2011-2012)

1. Visit a shop which sells sports shoes. Observe the sole of shoes meant for various sports. Describe your observations.

2. Find more about Artificial turf.

3. Learn symbols of all the elements.

4. Visit 5 families in your neighborhood and enquire about the kind of clothes they use, the reason for their choice and advantage of using them in terms of cost, durability and maintenance. Make a short report. Try to collect some samples.

5. Coin a few slogans for supporting “say no to plastics”

6. Collect labels from bottles of jams & jellies. Write down the list of contents printed on the label.


8. What role does friction play in the sport of your choice? Collect some pictures of that sport in action where friction is either supporting it or opposing it.
1. An athlete covers a distance of 0.4km in completing one round. How many rounds does he make if he runs a total of 10km distance?
2. Cost of one orange is 75p. Find the cost of 25 oranges in rupees.
3. There are 9 beads in a box. 2 are green, 3 are red and 4 are blue. A bead is picked up at random. Find the probability that it will be a) green b) not green c) black.
4. Dhoni scored twice as many runs as Sehwag. Together they scored two runs less than a double century. How many runs did each of them score?
5. Priya's father is thrice as old as Priya. After 16 years he will be twice as old as his daughter. Find their present ages.
6. A vendor buys eggs at rate of 6 for a rupee and sells them at 5 for a rupee. Find his gain percent.
7. Tushar sells two radio sets for Rs.1188 each. On one he gains 10% and on the other he loses 10%. Find his gain or loss percent.
8. Construct a right angled isosceles triangle if its equal sides measures 4.5cm each.
9. A road roller completes 5000 revolutions while covering a distance of 22km. Find the radius of the roller.
10. The three angles of a triangle are in ratio 1:2:1. Find all the angles of the triangle.
11. A path 4m wide runs inside a square park of side 100m. Find
   a) area of the path
   b) cost of levelling the path at Rs.2.50 per sq.m.
   c) laying grass on the remaining area at the rate of Rs.2 per sq.m.
12. Evaluate if x=-1, y=-2 and z=3
   i) \(-2xy y^2\)
   ii) \(3xy^2-4xy+4z\)
13. A wire is in a circular shape of radius 3.5m. It is reshaped to form a square. Find the area of the square so formed.
14. Yuvraj borrowed Rs.30,000 each from two banks, for 3 years and 5 years respectively. Find the difference in interest paid by him if the rate of interest charged by both the banks is 8%.
15. The sides of a triangle, taken in order are each 3 cm longer than the preceding side. If the perimeter of the triangle is 81 cm, find the length of its sides.
16. Find the mean, median, mode and range for the following numbers.
   13, 18, 13, 14, 13, 16, 14, 21, 13
17. Sana had Rs.35.50. Out of this, she purchased a book for Rs.43.5 and a pen for Rs.21.25. How much money is left with her?
18. If \( x = 3a^2 - 5a + 3, \ y = -3a^2 + a + 8, \ z = 4a^2 - 6a - 5 \). Find
   a) \( x - (y + z) \)
   b) \( (x + y) - z \)
   c) \( (z - y) - x \)

19. Simplify
   a) \( \left( \frac{2}{3} \right)^2 \times \left( \frac{3}{5} \right)^3 \div \left( \frac{2}{3} \right)^4 \)
   b) \( \left[ \left( -\frac{2}{3} \right)^2 \right]^5 \div \left( \frac{2}{3} \right)^3 \times \left[ \left( -\frac{2}{3} \right)^2 \right]^{-2} \)

20. Simplify
   a) \( \left( -\frac{5}{18} \times \frac{15}{7} \right) - \left( 7 \times \frac{1}{4} \right) + \left( \frac{1}{2} \times \frac{4}{5} \right) \)
   b) \( \left[ \frac{1}{3} - \left( -\frac{5}{3} \right) \right] \times \left( -\frac{2}{7} - \frac{5}{7} \right) \)
General Guidelines for Students:

1. The Theme for this year's Mathamity is "Math around us".
2. Mathamity is an Intra-Class Competition, which is going to be held on 29-30th July.
3. It is compulsory for all the students to participate in MATHAMITY.
4. The project work with suitable model, chart and short explanation with a hand written file (A4 size sheets to be used in the file) depicting their work should be submitted by each group.
5. The project should be cost effective and survey research based. Real data should be collected for statistical projects.
6. Only eco friendly material should be used by the students. (No plastic and no thermocol)
7. Project submitted should be child's own creativity. Project will be disqualified if the professional's help is taken.

ELEMENT ON WRITTEN REPORT/FILE

A project report should be written on A4 size paper under the following suggested points.

Cover page

Index

1. Introduction
2. Aim and Objectives
3. Work plan/Methodology
4. Observation
5. Data Analysis
6. Conclusion
7. How is research useful for further purpose?
8. Log sheets
9. Acknowledgement
10. Reference
THEME- Math In Architecture

PROJECT -
1. Architecture in High Rise Buildings
2. Architecture in Historical Monuments
3. Architecture In Group Housing Society
4. Architecture in Your Own House
5. Architecture in Your School Building
6. Architecture in Designing of Mall

YOUR WARD BELONGS TO _______ GROUP AND YOUR TOPIC IS

____________________

Address and Phone Numbers of the group members:

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