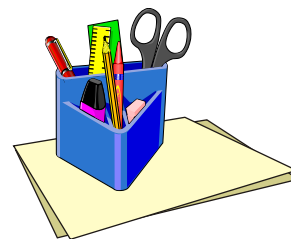# Suggested List of Projects

1. About an Indian mathematician and his/her contributions to mathematics.

2. Verification of Pythagoras theorem in different ways.

3. Magic squares : 3×3, 4×4, and 5×5.

4. Congruent shapes.

5. Exploring Pythagorean Triplets.

6. Drawing map of your school/locality.

7. Collection of data and its pictorial representation in different ways.

8. Decimal system versus other number systems with base 5, 8 and 2.

9. Divisibility Tests with special reference to 7, 11 and 13.

10. Verification of Euler's formula for different 3 D shapes (polyhedra).

11. Application of direct and inverse proportions in day to day life.

12. Use of double bar graph in different situations.

13. Hardy – Ramanujan Numbers.

14. Use of algebraic identities in solving problems.

15. Areas of different polygons.

16. Graphs in day to day life.