

APS KALUCHAK
2016-17
HOLIDAYS HOMEWORK

Activity for the class X

1. Pythagoras Theorem

To verify the Pythagoras theorem by the method of paper folding, cutting and pasting and working model of it.

2. Measurement of height using Clinometers

To make a clinometers .

Activity for the class IX

1. Make a working model to verify the identity : $(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$
2. Know Your Birthday: To find on which day of the week you were born?

Activity for the class VIII

1. Make a working model of the algebraic identity : $(a + b)^2 = (a)^2 + (b)^2 + 2ab$
2. Make a working model to show the angle sum property of a triangle.

Activity for the class VII

1. To make wall hanging showing fractions in descending order.
2. To make wind chime showing like or equivalent fractions.

Activity for the class VI

1. Make flowers made of crepe paper using different geometrical shapes like triangular shapes, square shapes etc.
2. Make wall hangings of different types of triangles. Write their properties on them.