

SCM INTERNATIONAL SCHOOL

REGISTER

MATHEMATICS LAB

being
creative

Finding
solutions

practicing

MATHS

is all about

justifying
answers

making
connections

looking
for
patterns

improving
methods

using
tools

thinking

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6	Charts	12-12-23
7	Watches	29-01-24
8	Books	15-02-24
9	Previous Year Papers	04-03-24

S.No	Particulars	Description
1	Abacus	1. Big 1. small
2	Pegboards	Wooden (5 shapes) Hammer
3	Geometry boxes	2 Big size (PVC)
4	Shapes	1 Big Cube 2 small cube 1 Cuboid 1 Sphere 1 Big Pyramid 1 small Pyramid 1 Cylinder 1 small Cone
5	Models	1. Circle i. Showing Diameter, Radius ii. Area of circle = Area of Rectangle 1 Angle sum property of Δ 1. Bar Graph 1. Conic sections
6	Charts	1. Integers 1. Telling Time 1. Surface area of 3D shapes from Net 1 Indian Currency 1. Types of Angles

1. Algebraic identities
1. Circle Theorems
1. Trigonometric formulas
1. Fibonacci Sequence
1. Relation and Function
1. Cartesian Plane

7 Watches

1. Simple
1. Square Roots
1. Cube Roots
1. Angles in Degree
1. Angles in Radian

8 Books

1. Mathematics Lab Manual
 - i. class - IX
 - ii. class - X
1. The little green Math Book
1. Brain Boosting
1. Mathematics Quiz
1. Reasoning with Numbers
1. Discovering Patterns
1. Composite Mathematics
1. Units and Measurements
2. Olympiad Books

R.D Sharma

Class - IX

Class - X

RD Sharma MCQ

9. Wheel Spinner

To describe Probability

10. Previous Year
Question Papers

Class - IX

2023-24

2022-23

2021-22

Class - X

Basic

Set 1 - 2022-23

Set 2 - 2022-23

Standard

Set 1 - 2022-23

Set 2 - 2022-23

Set 1 - 2021-22

Class - XI

2023-24

2021-22

2020-21

11. Wall Charts

1. Addition of Integers
2. Multiplication of Integers
3. Geometry

4. Triangles
5. Roman Numbers
6. Graph Board.
7. Number System



**SURFACE AREA OF AN
SQUARE PYRAM**

If you are a student of class 10 and you are studying the surface area of a square pyramid, you should know that the surface area of a square pyramid is the sum of the area of the square base and the area of the four triangular faces.

Let the side length of the square base be s and the slant height of the pyramid be l .

The area of the square base is s^2 .

The area of one of the triangular faces is $\frac{1}{2} \times s \times l$.

The total surface area of the square pyramid is $s^2 + 4 \times \frac{1}{2} \times s \times l = s^2 + 2sl$.

Mathematica Lab

Activity Name: Pythagoras Theorem

How can we verify the Pythagoras Theorem by using a model?

Source: HMM
No Signal

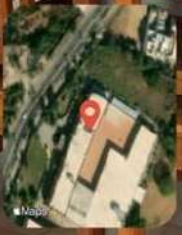


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GPS Map Camera



GPS Map Camera



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