



ST. JOHNS INTERNATIONAL SCHOOL

2022-2023

MATHS AND SCIENCE WEEK

Mathematics provides an effective way of building mental discipline and encourage logical reasoning and mental rigor. Science aim is to build knowledge facts about the natural world.

Mathematical knowledge plays a crucial role in understanding other school subjects such as Science, Social Studies and even music and art. With Science we come up with new ideas and discover new evidence. Maths and Science are two of the underpinnings of modern society. Every day we come into contact with hundreds of things influenced by our scientific knowledge. Mathematics and science have a long and close relationship, this is of crucial and growing importance of both. Mathematics is an intrinsic component of Science, part of its fabric, its universal language and indispensable source of intellectual tools. Reciprocally, science inspires and stimulates mathematics, posing new questions, engender news ways of thinking and ultimately conditioning the value system of mathematics.



The following topics were allotted from Grade1 to Grade9:

Sl. No.	Class	Maths	Science
1	I	solid and flat shapes, odd and even numbers till 10 - 3D Model (Jigsaw)	Sources of food, Raw and cooked food
2	II	addition and subtraction by using creative things, Table from 2 to 10 (Chart)	Plants part as medicine, Things we make from plants parts
3	III	3D Model by using different solid shapes, 3D model of ones, tens, hundreds and thousands and represent it on the place value chart	Reproductive part of flowering plants, Organ systems of our body
4	IV	Roman Number represent in the clock (Model), Route map from your house to your school	Group of living things, Types of teeth
5	V	fractions by 3D model, 3D model on LCM and HCF	Balance diet, Agriculture in India (cultivating crops)
6	VI	Prime and composite numbers chart highlight the prime numbers, Create wall clock using cardboard and needles to show different timings	different types of nutrient, human skeleton and show different types of joint present in the body
7	VII	Types of angles such as acute, obtuse, right angles using colourful pencils, Lines and transversal model to show all right angles formed on intersecting with two lines	a model to show mechanism of breathing, Section of human heart
8	VIII	Pie-chart preparation on daily activities like studying, playing, sleeping etc., Algebraic formula using blocks of colourful papers	a model on traditional method of irrigation that is rahat, make a model using Kaleidoscope
9	IX	Maths model on real number, Working model on algebraic identities	A beam of light from light source is made to fall on a mirror the reflected in falling on the wall, model of structure plant cell as animal cell

