

Get kits delivered safely @ Home

Online Registration

INDIA'S MOST PROMISING

HANDS-ON EXPERIENTIAL LEARNING PROGRAM

for young minds

- ★ **HELP** is a comprehensive program that provides at home 10 activity kits to every child based on School Science Syllabus. Videos for understanding scientific concepts and doing all activities will also be provided to every child.
- ★ The program also includes free access to guidance videos of science syllabus of child's academic Standard and Board. This will facilitate self learning to achieve **Academic Excellence !!!**
- ★ Kits will be sent directly to home using safe courier service. Nearby **Sunday Science School** centre will help child to do the activities and understand the concepts if needed.



WHAT IS EXPERIENTIAL LEARNING?



- ▶ Experiential Learning helps child improve skills, acquire knowledge, develop understanding of subject, know applications of science and also prepares child to take-on challenges of modern times !!!
- ▶ This year, SSS has planned academic Hands-on activity program.
- ▶ We will provide child with 10 *activity kits* at home, guidance videos of science syllabus of child's academic standard.
- ▶ Parents and SSS together can make sure that child does not miss any concept from science during this academic year.



ACTIVITY KITS

- ▶ Chemical changes kit
- ▶ Light - Reflection and Refraction kit
- ▶ Photosynthesis kit
- ▶ Electricity and its heating effect kit
- ▶ Magnetic effects of current kit
- ▶ Acids, Bases and Salts kit
- ▶ Winds, storms and cyclone kit
- ▶ Working lungs and respiration kit
- ▶ Study of Heart and Heart beats kit
- ▶ Water filtration kit

**50+ activities
10 kits**

SYLLABUS AND ACTIVITIES

★ Chemical changes

Heats of reactions, single displacement and double displacement reactions, precipitation, reactivity of different metals, bond formation of Water molecule,

★ Light - Reflection and Refraction

Reflection in plain mirror, making of periscope, images using concave mirror, magnification using convex lens, image formation using convex lens, formation of rainbow etc

★ Nutrition in Plant - Photosynthesis

Activities to check plant produces starch, Sunlight is needed for photosynthesis, Carbon Dioxide is needed for photosynthesis etc.

★ Electricity and its heating effect

Simple circuit, use of switch in the circuit, use of one or two cells in circuit, heating a coil using current, controlling glow of bulb using Nichrome wire

★ Electric current and its Magnetic effects

Making a galvanometer, deflection of compass needle with cell, making a electromagnet, lines of force of permanent magnet and electromagnet, changing current to change magnetism.

★ Acids, Bases and Salts

Making of natural indicator using turmeric, testing acids and bases using litmus, phenolphthalein, turmeric paper, CO₂ making, neutralization and colour change reaction

★ Winds, storms and cyclone

Making of wind vane, making of Anemometer and finding out wind speed and direction, vacuum activities using Magdeburg hemispheres, formation of tornado in bottle..

★ Respiration in Animals

Making of lungs model, use of diaphragm is breathing, lung's capacity, lime water test to know that we exhale more CO₂

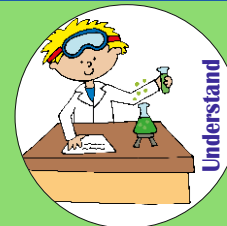
★ Transport of substances in Animals

POP model of heart, colouring the moulded heart, making of a stethoscope, study of heart beats using stethoscope, transportation in plants using food colour activity.

★ Waste water story

Filtration using filter paper, use of alum, filtration using different size granite particles, use of activated carbon etc.

HELP with Digital content



Understand

HELP project of SSS provides online academic support to students. Complete science text book is illustrated with graphics and animations. This will ensure that theory of all concepts will be well understood by students. The content is developed by senior academic professionals and experts.

Sunday Science School's HELP is a comprehensive method to prepare child with basic concepts in science during these tough times..



Innovative and Out-of-the-box concept



Highly recognized brand with presence in 10 states



Selected useful activities based on school syllabus



Professionally created e-content of Science book



Local Support by nearest centre of Sunday Science School

