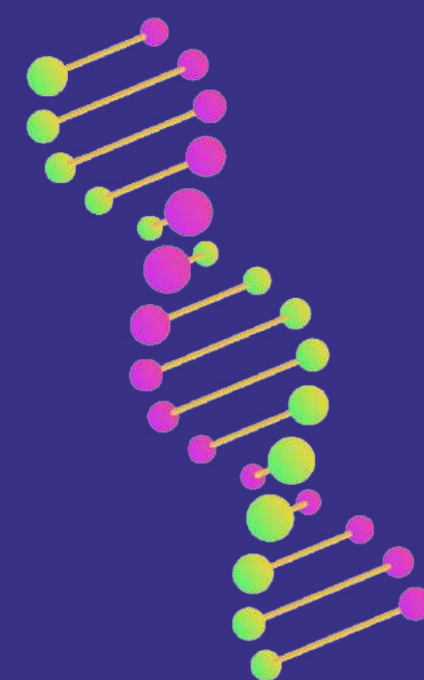
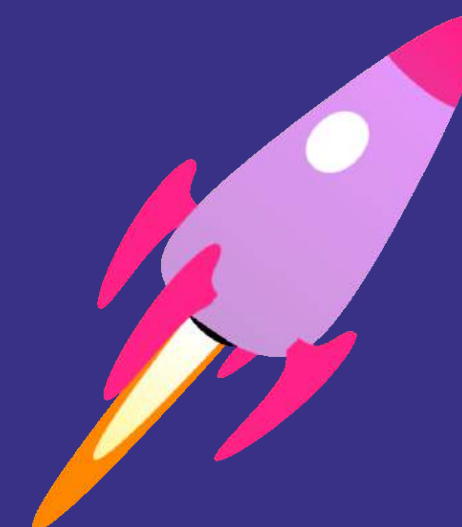




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GRADE 1 CURRICULUM

CHAPTERS COVERED

MAJOR ACTIVITY

FUNNY ORIGAMI

ORIGAMI FROGS|CLIMBING BUTTERFLY|CATERPILLER

WIND FORCE

BALLOON ROKET| BALLOON CAR|HOVERCRAFT

FORCE AND MOTION

MINI MISSILE LAUNCHER

FORCE - PULL THEM OFF

PLAY WITH SLING SHOT

SOUND - MAKE SOME NOICE

TIC TAK | PHATAKA|CLAP IN THE AIR

SOUND INSTRUMENTS

BUILD A BUGLE | HARMONICA

MAGNETIC FORCES

MAGNETIC CAR | ANTIGRAVITY MAGNET

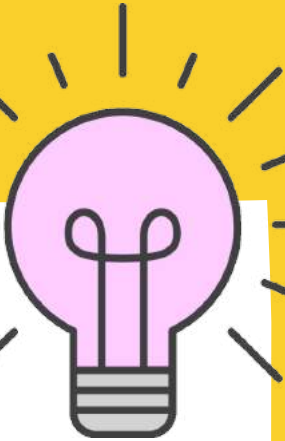
LIGHT-PROPERTIES

FANCY LAMP

MATERIAL SCIENCE

KALEIDOSCOPE

Inclusions



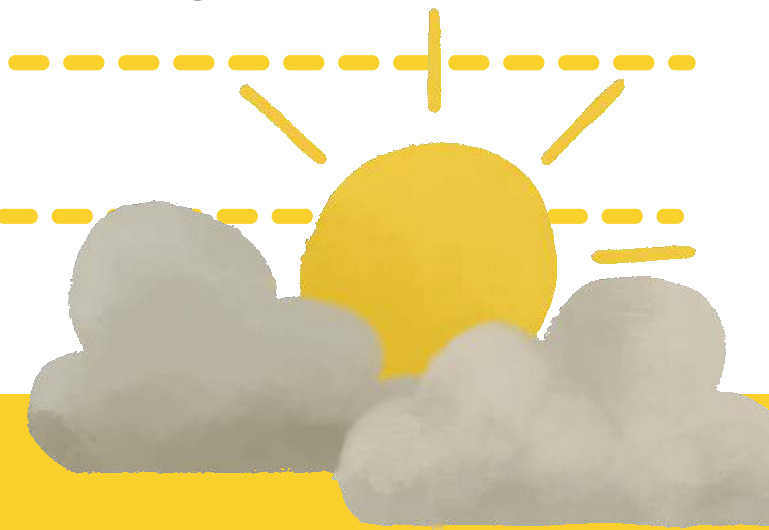
- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

- 9 Concept Classes
- 9 Project Classes

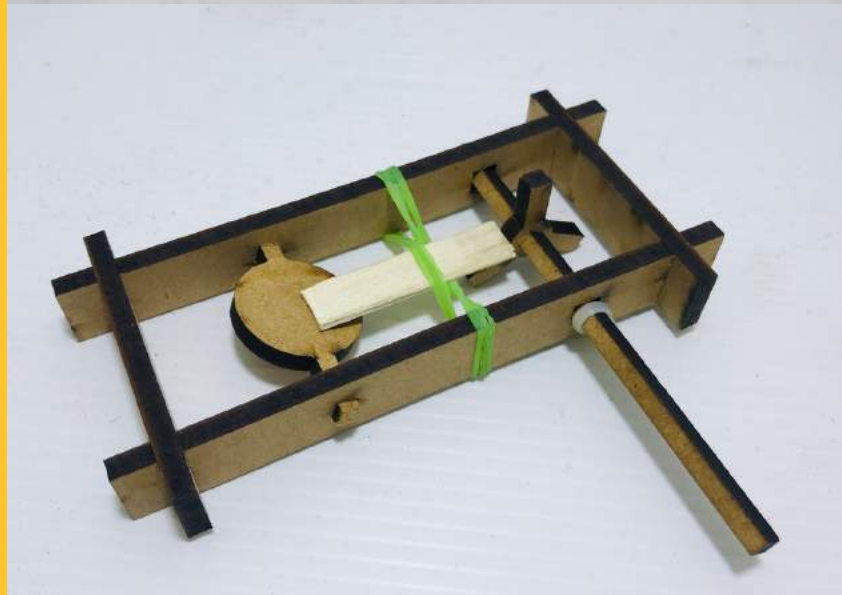
LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts



GRADE 1 CURRICULUM

SAMPLE LIST OF MAJOR ACTIVITIES



SCIENCEUTSAV[®]
Science is awesome

TOPIC: SOUND - BUGLE

Think a Ton!!

Don't be loud!

1. Is it possible to store sound in a box?
2. Can we humans hear all types of sound?
3. Why do we sound different when we speak with a blocked nose?
4. Can we "see" sound?
5. Can we communicate with each other without making a sound?

-----Know what's inside-----

Activity	Description
Engage	Imitate different types of sounds namely animal sounds, vehicle sounds etc. Learn about sound and its importance.
Explore	Explore how a vibrating object produces sound. Learn about different ranges of sound.
Elaborate	Build a balloon bugle and learn how it produces sound.
Explain	Learn about how sound is produced, sources of sound, different types of sounds, importance of sound in our daily lives, etc.
Evaluate	Test your understanding here!

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GRADE 2 CURRICULUM



CHAPTERS COVERED

MAJOR ACTIVITY

KIDDO ELECTRONICS

ELECTRONIC CANDLE

ELECTRICAL PROPERTIES

DESIGN A LED DIYA

SIMPLE CIRCUITS

SECRETE CANDY BOX

OCEAN OF AIR

POP GUN PARACHUTE

AIR EVERYWHERE

DESIGN A TABLE TOP FAN

WIND TURBINE

DESIGN PIN WHEEL | FLYING SAUCER

LIGHT AND SHADOW

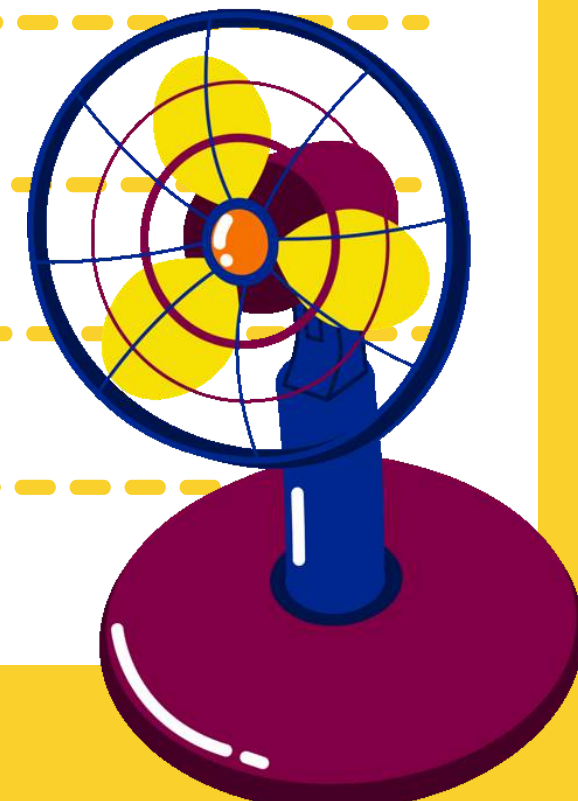
FANCY SHADOW

COLORFUL SCIENCE

MAGIC COLOR CARD

PROPERTIES OF LIGHT

DESIGN A COLOR BOX



Inclusions

- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

- 9 Concept Classes
- 9 Project Classes

LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts

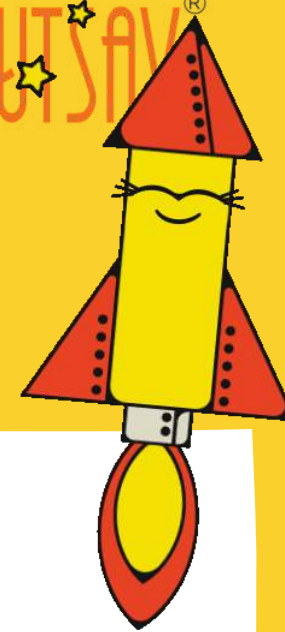
GRADE 2 CURRICULUM

SAMPLE LIST OF MAJOR ACTIVITIES





GRADE 3 CURRICULUM



CHAPTERS COVERED

MAJOR ACTIVITY

FUN WITH MAGNETS

MAGNETIC FAN| MAGNETIC PROPELLER

ATTRACTION & REPULSION

MAGNETIC PENCIL STAND

AIR POWER

MINI MISSILE LAUNCHER | STRAW LAUNCHER

MECHANICAL PROPERTIES

RUBBERBAND POWERED CAR

FUN WITH FALLING

GRAVITY CAR

MECHANICAL ENERGY

BOOMARANG CAR

LIGHT PROPERTIES

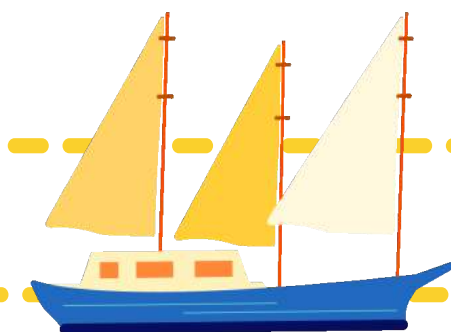
LED LOTUS

ELECTRICAL PROPERTIES

FESTIVAL LANTERN

SINK AND FLOAT

DESIGN A CATAMARAN (MOTOR BOAT)



Inclusions

- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

- 9 Concept Classes
- 9 Project Classes

LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts



GRADE 3 CURRICULUM

SAMPLE LIST OF MAJOR ACTIVITIES



SCIENCEUTSAV[®]
Science is awesome

TOPIC: FORCE - MINI-MISSILE LAUNCHER

Think a Tan!

Can I do any work without applying force?

1. How can we make an object start or stop moving?
2. How do you balance forces?
3. Can an object have force?
4. Can force be measured?

-----Know what's Inside-----

Activity	Description
Engage	It's time to pull our thoughts together and think about how we use force every day in our life.
Explore	Learn about the types of forces and how they can be a boon or a bane.
Elaborate	Build a mini-missile launcher and learn about the forces that act on it!
Explain	Force affects direction and speed, it's all around us, so let's do pay heed!
Evaluate	Test your understanding here!

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GRADE 4 CURRICULUM

CHAPTERS COVERED

MAJOR ACTIVITY

PROPERTIES OF METALS

BUZZ WIRE

SIMPLE CIRCUITS

ELECTRICAL GREETING CARD

MOTION

RUBBERBAND GUN

FORCES

NEWTON POWERED CAR

MECHANICAL ENERGY

PULL CAR

SOUND INSTRUMENTS

FLAP WHISTLE | BALLOON TRUMPET

SIMPLE MACHINES/LEVERS

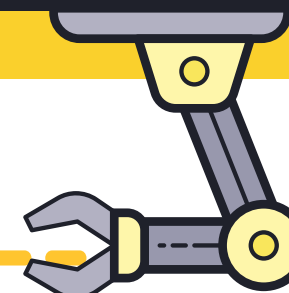
BALANCING BALLERINA

LEVITATION SCIENCE

HOVERING MAGNET

MAGNETS

MAGNETIC TRACK



Inclusions

- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

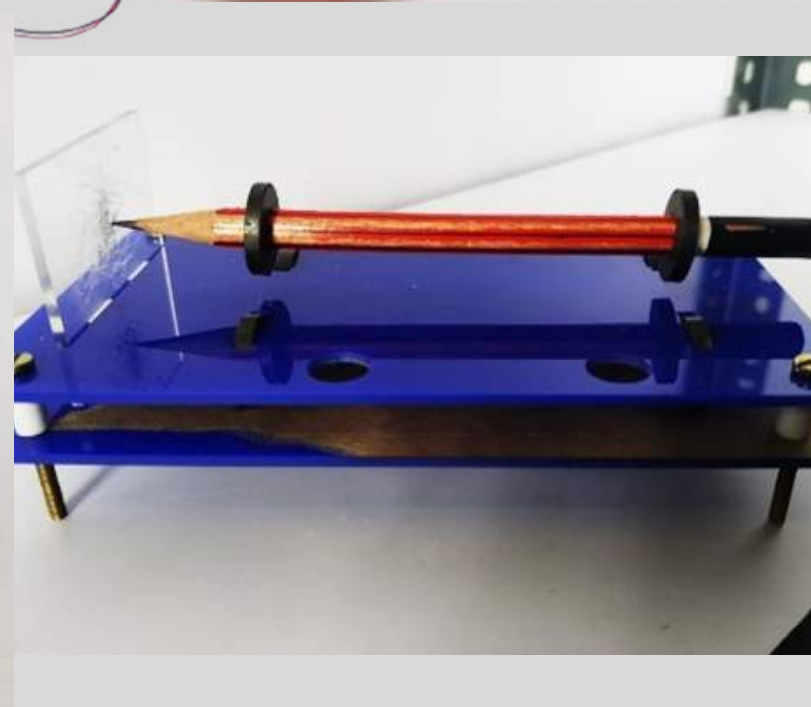
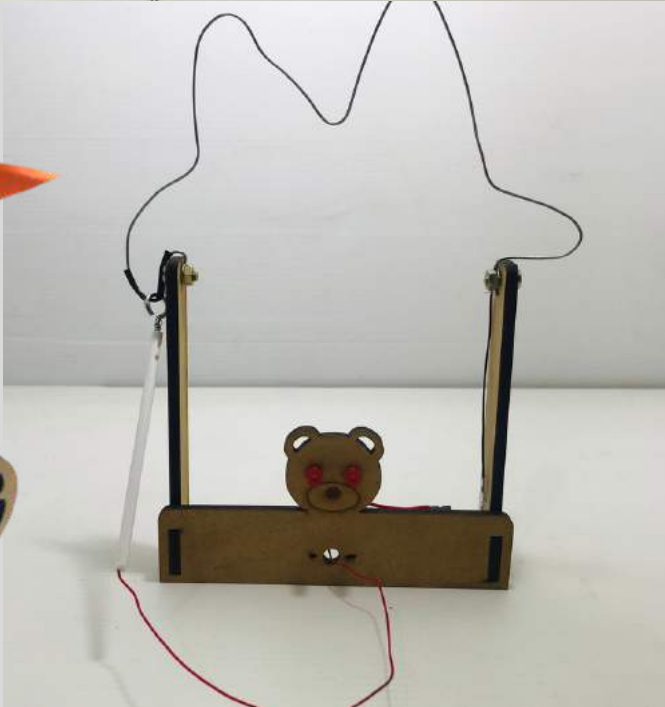
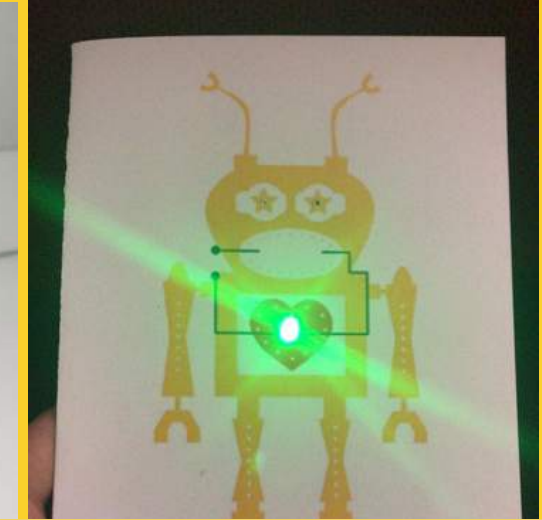
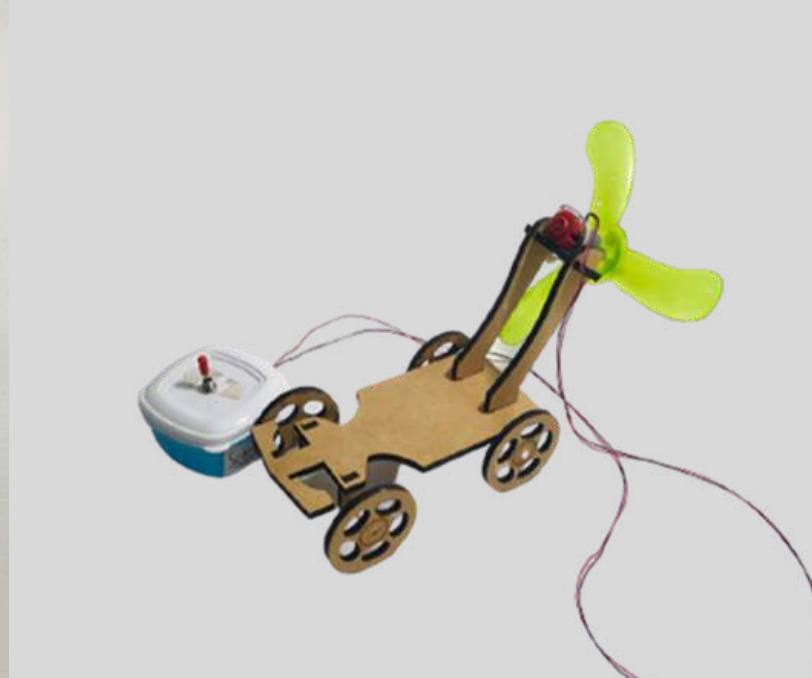
- 9 Concept Classes
- 9 Project Classes

LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts

GRADE 4 CURRICULUM

SAMPLE LIST OF MAJOR ACTIVITIES



SCIENCE QUTSAV[®]
Science is awesome

TOPIC: ELECTRICITY-BUZZ WIRE

Think a bit!!

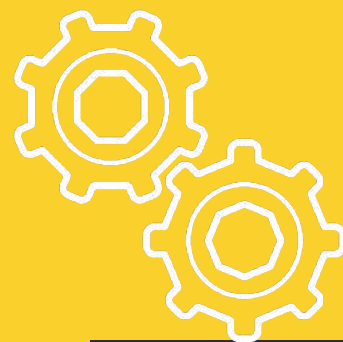
1. Can we eat electrons?
2. Can we see or touch electricity?
3. Which is the largest of the three - protons, electrons and neutrons?
4. Can electricity pass through air, water, and us human beings?

Free electrons
The more free electrons, the more smoothly the current flows.

Know what's inside.....

Activity	Description
Engage	Think about day-to-day uses of electricity. Brainstorm on how only certain materials allow electricity to pass through them!
Explore	Carry out experiments to test whether materials are conductors or insulators. Study about the basic electrical components during the workshop.
Elaborate	Build a simple buzz wire and learn about the electrical properties of materials.
Explain	Learn about electric current, voltage, flow of electrons, positive and negative charges, etc.
Evaluate	Test your understanding here!

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GRADE 5 CURRICULUM

CHAPTERS COVERED

MAJOR ACTIVITY

SPY SCIENCE

MAGIC GOGGLES | SPY WHEEL

LIGHT

LIGHT POWERED PERISCOPE

SCIENCE OF EYES

BOW THAUMATROPE

SHADOWS

HALOWEEN SHADOW

MACHINES

AWESOME AUTOMATA

LEVERS

SEIGE CATAPAUT

GEARS

GEAR ACROBAT

FRAME OF REFERENCE

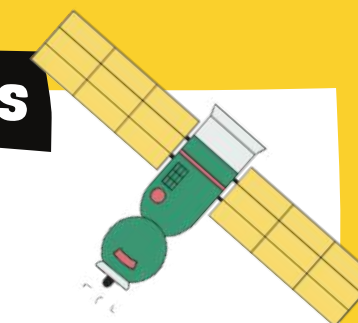
EQUATORIAL SUN DIAL | SUN DIAL

TYPES OF MOTION

GEO STATIONARY SATELLITE



Inclusions



- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

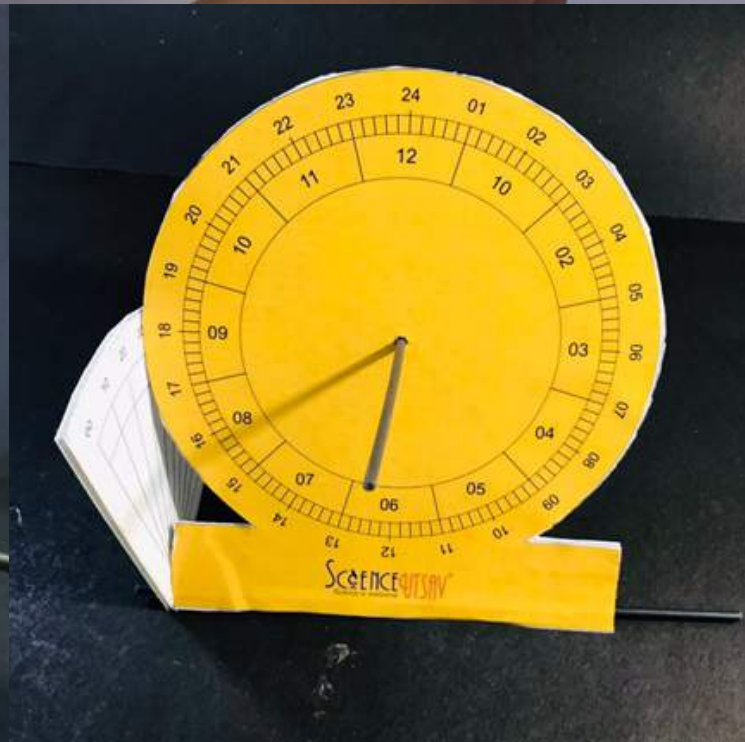
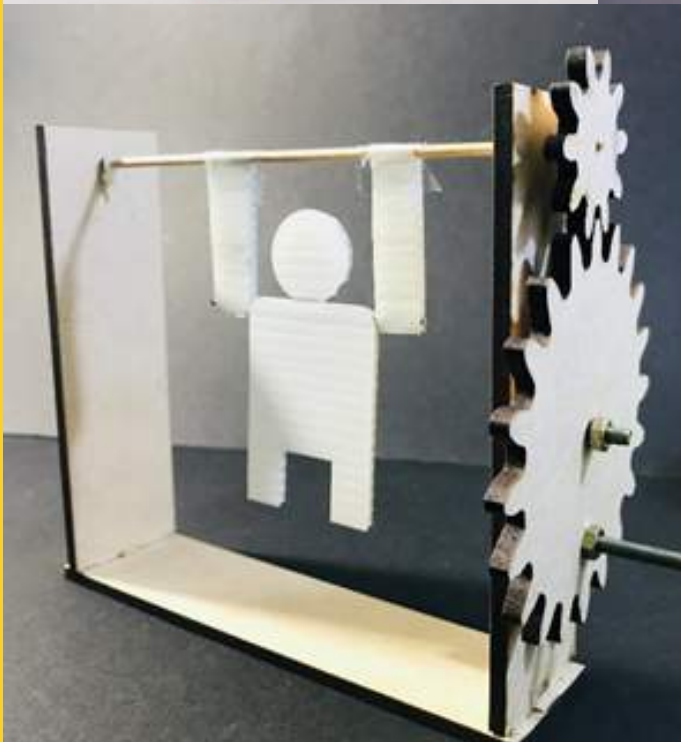
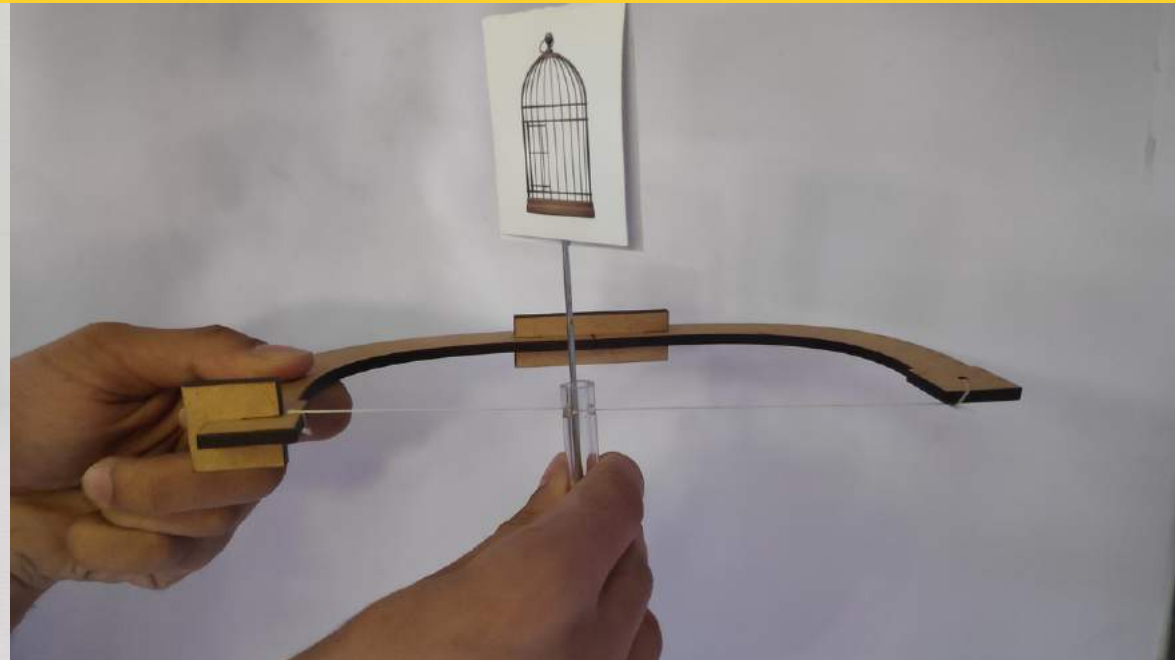
- 9 Concept Classes
- 9 Project Classes

LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts

GRADE 5 CURRICULUM

SAMPLE LIST OF MAJOR ACTIVITIES





GRADE 6 CURRICULUM

CHAPTERS COVERED

MAJOR ACTIVITY

MAGNETISM

GAUSS GUN

APPLICATION OF MAGNETS

MAGNETIC SWITCH

ELECTRICITY

TABLE LAMP

PLUGS AND PINS

USB LAMP

BALANCING SCIENCE

BALANCING BIRD

LIGHT

MOTORISED THAUMATROPE | NEWTONS WHEEL

SOUND

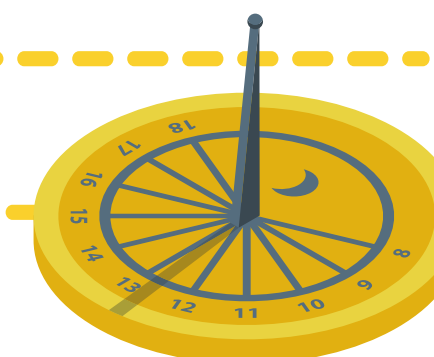
CUCKO WHISTLE | SWANEE FLUTE

TIME

HORIZANTAL SUN DIAL

MEASUREMENT

SPIROGRAPH | 2D-3D SHAPES



Inclusions

- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

- 9 Concept Classes
- 9 Project Classes

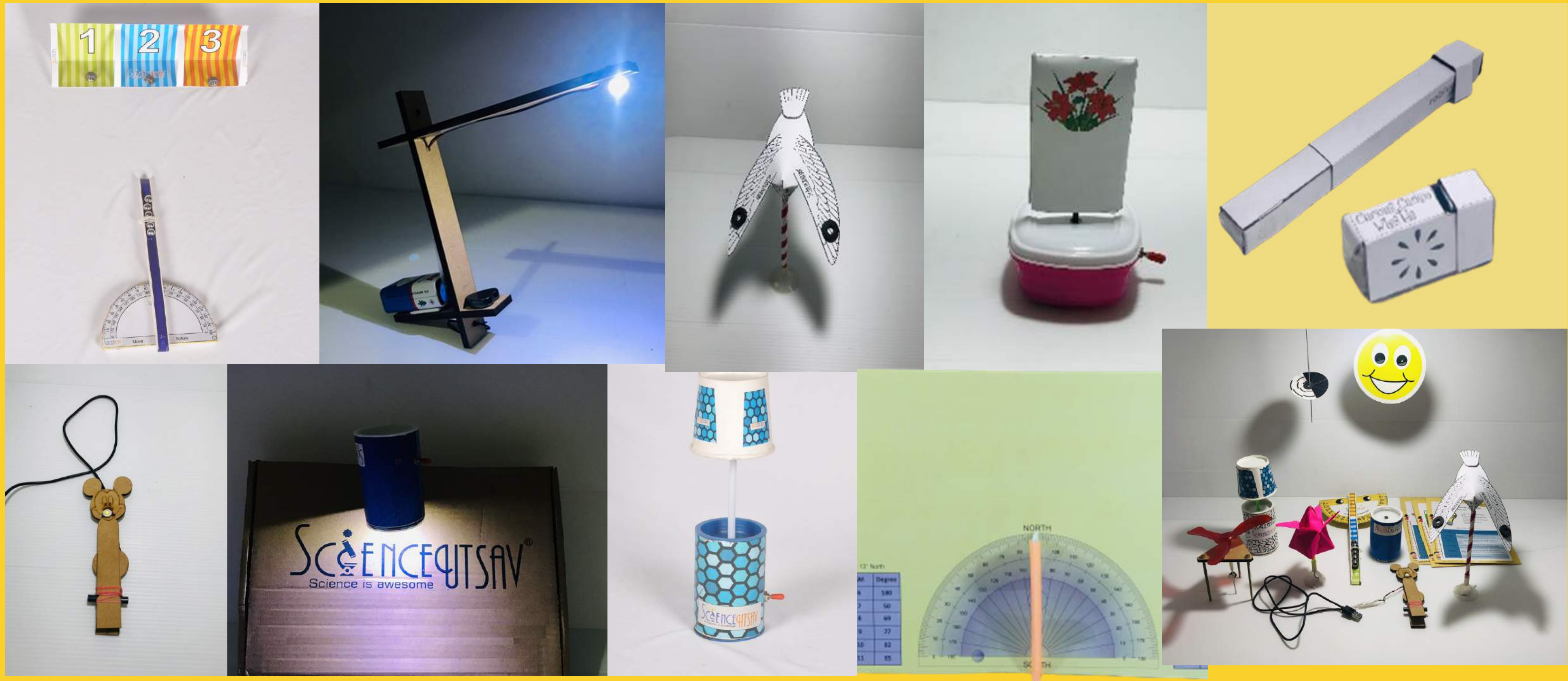
LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts



GRADE 6 CURRICULUM

SAMPLE LIST OF MAJOR ACTVITIES





GRADE 7 CURRICULUM

CHAPTERS COVERED

MAJOR ACTIVITY

ELECTROMAGNETIC SPECTRUM

FORENSIC UV TORCH

REFLECTION

MAGIC BANK

REFRACTION

LENS CAMERA | CAMERA OBSCURA

ELECTRIC CIRCUIT

DECORTIVE CHANDELIER

ELECTRO-MAGNETISM

ELECTROMAGNETIC TOY

LIMIT SWITCH

PULL TO BELL

FORCE AND FRICTION

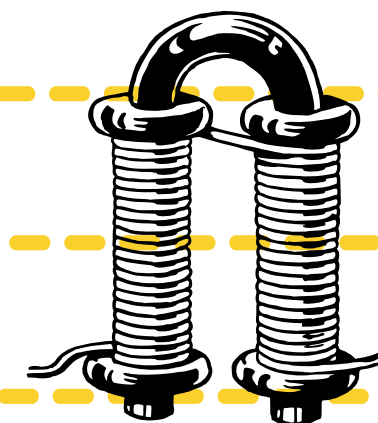
BUZZING SCORPION

WIND ENERGY

360 DEGREE FAN

PRESSURE

SANITISER PUMP



Inclusions



- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

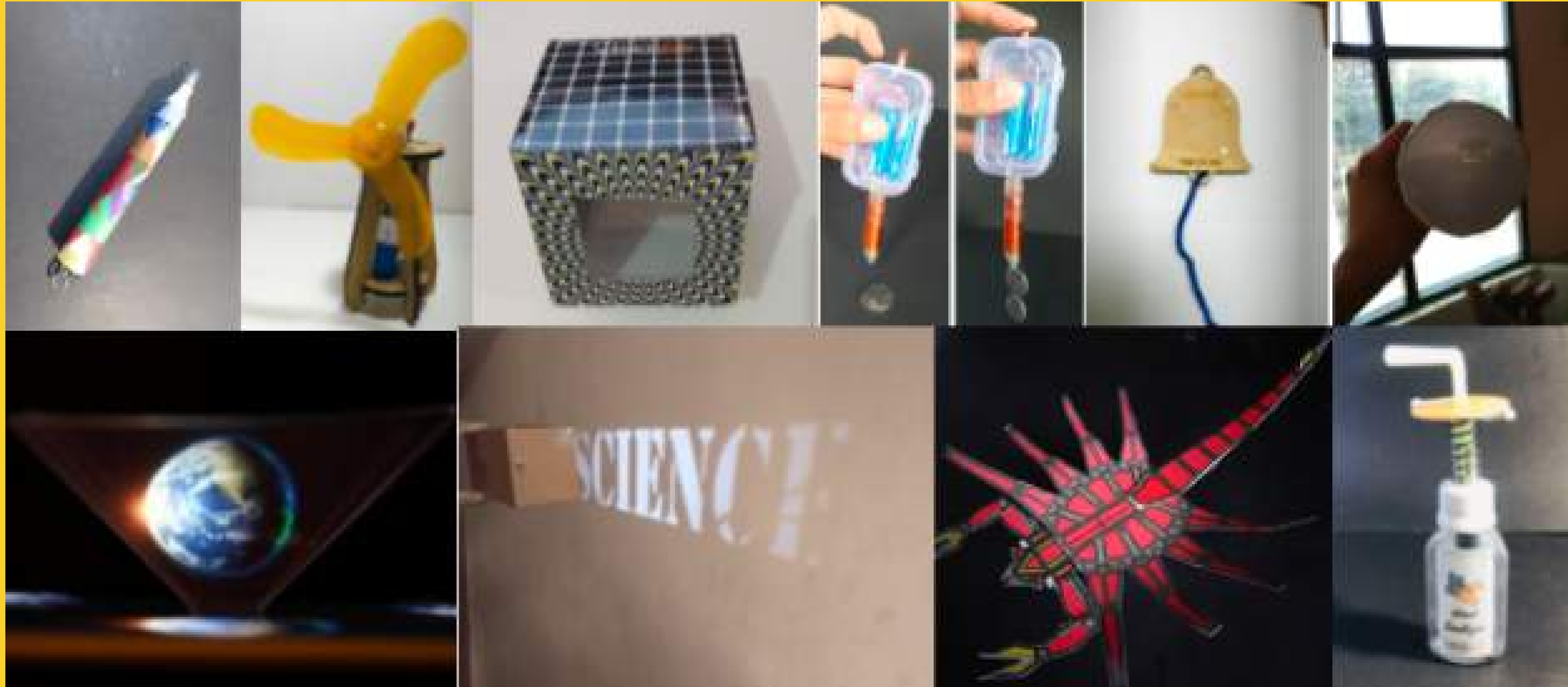
- 9 Concept Classes
- 9 Project Classes

LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts

GRADE 7 CURRICULUM

SAMPLE LIST OF MAJOR ACTVITIES





GRADE 8 CURRICULUM

CHAPTERS COVERED

MAJOR ACTIVITY

MAGNETISM

MOTOR BOAT WITH MAGNETIC SWITCH

SOLAR ENERGY

SOLOR POWERED BUG

SOUND

SHEHNAI | SHEHNAI

SOUND AMPLIFICATION

AIR HORN WHISTLE | GHOST BALLOON

GRAVITY

GRAVITY LANTERN

PERSISTENCE OF VISION

ZOETROPE

COLORS AND SHADOWS

COLOR SHADOWS

STAR GAZING

PLANISPHERE

GRAPHING THE STARS

STAR COORDINATES



Inclusions

- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

- 9 Concept Classes
- 9 Project Classes

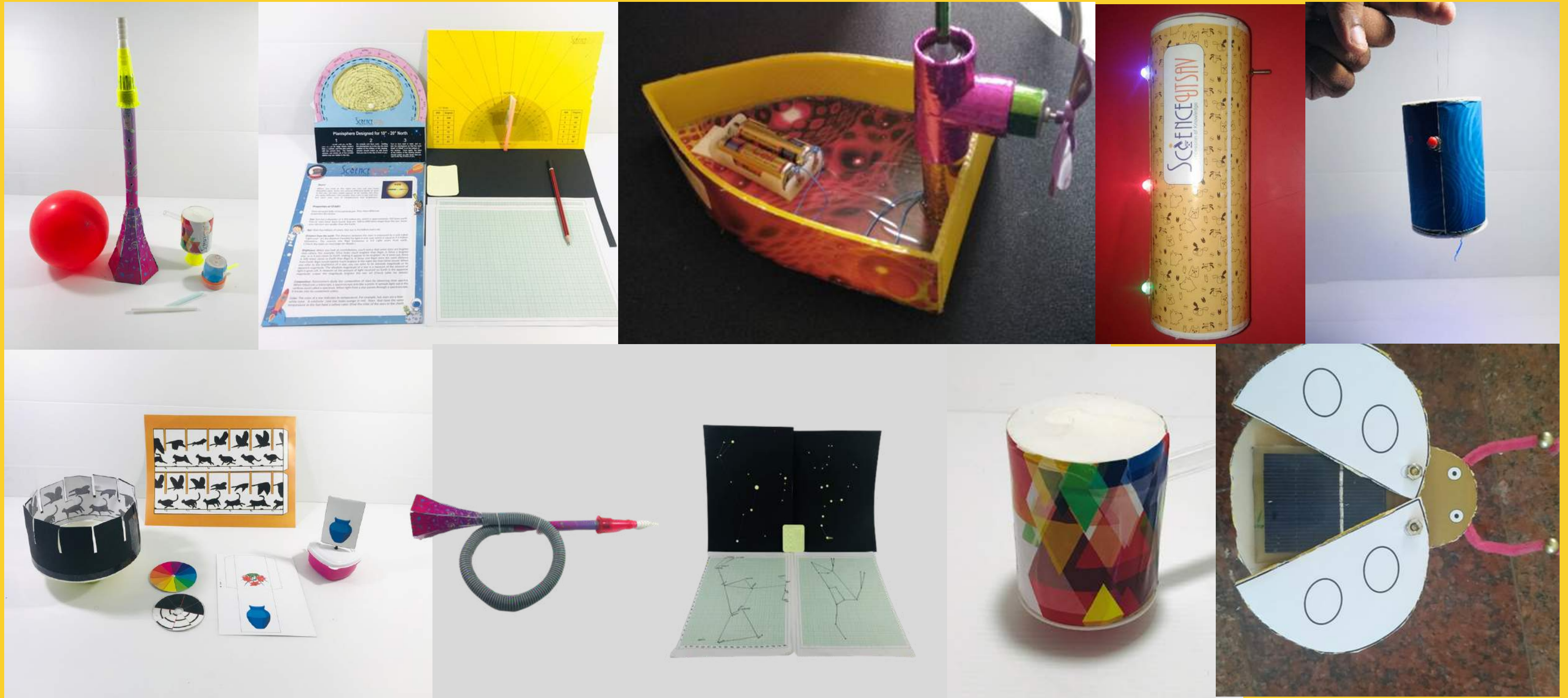
LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts



GRADE 8 CURRICULUM

SAMPLE LIST OF MAJOR ACTIVITIES





GRADE 9 CURRICULUM

CHAPTERS COVERED

MAJOR ACTIVITY

MOTION

AMPHIBIOUS CAR

ENERGY

LED PUPPET

TRANSFER OF ELECTRICITY

LED SMILEY

VIRTUAL REALITY

VR CONSOLE

CRITICAL THINKING

TREASURE BOX

PERSISTENCE OF VISION

INFINITE TUNNEL

ELECTRICAL CIRCUITS

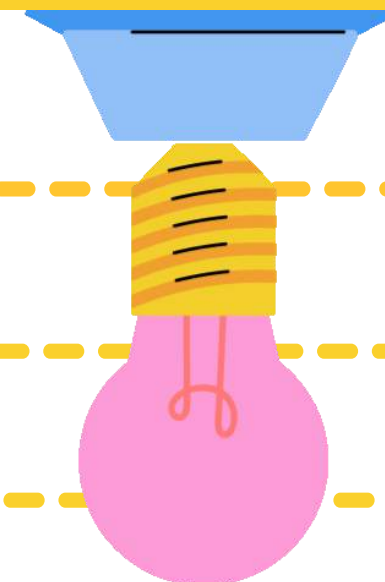
TWO WAY SWITCH

TYPES OF CURCUITS

LDR CIRCUIT

ASTRONOMY

CONSTELLATION BOX



Inclusions

- All Practical Classes
- 18 Classes | 2 Per Month | 9 Months

LIVE

- 9 Concept Classes
- 9 Project Classes

LMS Driven

- Revision Classes
- Assessment
- Quizzes
- Class Summary
- Concepts



GRADE 9 CURRICULUM

SAMPLE LIST OF MAJOR ACTVITIES

