INTERNATIONAL FSP SCIENCE CONTEST

COURSE OUTLINE

Vibrant Youngsters Level (Grade I & II)

1. Human Body

- We have a head, body, arms, and legs.
- Our senses help us see, hear, smell, taste, and feel.
- We need to take care of our body by eating well, exercising, and sleeping.

2. Plants

- Plants are living things that grow in the ground.
- They need water, sunlight, and air to grow.
- Plants give us oxygen, food, and shade.

3. Animals

- Animals are living things that move and eat.
- They have different homes, like nests, cages, or dens.
- Animals need food, water, and air to survive.

4. Our Universe

- The universe is everything around us, including stars, moon, and sun.
- The Earth is our home planet, and it rotates around the sun.
- We see different things in the sky, like clouds, birds, and airplanes.

5. Matter

- Matter is anything that takes up space and has weight.
- Examples: toys, books, chairs, and even YOU!

6. Light

- Light is what makes things visible.
- We get light from the sun, moon, and lamps.
- Light helps us see and read.

7. Sound

- Sound is what we hear.

- We make sounds by talking, clapping, or playing music.
- Sounds can be loud or soft.

8. Air

- Air is all around us, and we need it to breathe.
- Air is invisible, but we can feel it when it moves (wind).
- We need air to live.

9. Water

- Water is a liquid that we need to drink and wash.
- We find water in rivers, lakes, and oceans.
- Water is essential for plants and animals too.

10. Weather

- Weather is what's happening outside, like sunshine, rain, or wind.
- We have different seasons, like summer, winter, autumn, and spring.
- Weather affects our daily lives.

11. Measuring Units

- We use units to measure things, like length (cm, m), weight (kg, g), and time (hours, minutes).
- Measuring helps us compare and understand things better.

12. Living and Non-Living Things

- Living things move, grow, and need food and water (plants, animals, humans).
- Non-living things don't move, grow, or need food and water (toys, chairs, rocks).