**PROJECT IDEAS UNDER THEME: SKILLS AND INNOVATION FOR SUSTAINABLE LIVING**

Hello teachers, here are some project ideas under the theme **"Skills and Innovation for Sustainable Living"** for senior three students: These projects help learners develop skills in problem-solving, creativity, and innovation while **promoting sustainable living practices.**

1. **Recycling Initiative:**

Students can create innovative ways to recycle materials such as plastics, paper, or glass into useful products (e.g., eco-bricks, crafts, or home decor).

1. **Sustainable Agriculture:**

Learners can design and implement small-scale sustainable farming projects, such as vertical gardens or organic vegetable gardens using composting techniques.

1. **Water Conservation Project:** Develop and install a rainwater harvesting system or water-saving technologies for daily use at school or home, raising awareness about water conservation.

1. **Renewable Energy Solutions:** Encourage students to explore and create simple models of renewable energy sources like solar ovens, wind turbines, or solar water heaters.

1. **Eco-Friendly Packaging:**

A project on designing biodegradable or reusable packaging materials to replace plastic or single-use packaging for everyday products.

1. **Upcycling Clothing:**

Students can repurpose old clothing into new designs or functional items, emphasizing the importance of reducing textile waste.

1. **Sustainable Food Practices:**

Research and present alternative food sources that are sustainable, such as insect protein or plant-based diets, and create innovative ways to promote these alternatives in the local community.

1. **Energy Auditing at School:**

Conduct an energy audit of the school premises and propose solutions to reduce energy consumption, such as switching to energy-efficient lighting or using natural light effectively.

1. **Waste Management System:**

Create a comprehensive waste management plan for the school, including sorting bins for recycling, composting organic waste, and reducing waste generation.

1. **Natural Cleaning Products:**

Research and create eco-friendly, non-toxic cleaning products using natural ingredients like vinegar, baking soda, and essential oils.