

What do plants need to survive and thrive?

Key scientist - Jane Colden

Jane Colden is often described as the 'first female botanist' in America. She classified hundreds of plants native to where she lived in New York State.

Alive (Structure and function)
Survive and Thrive



Key learning

- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy
- explore and compare the differences between things that are living, dead, and things that have never been alive



Key vocabulary

Life processes	A series of actions which determine if something is alive
Plant	A living thing that uses sunlight to make its own food.
Alive	Having life
Dead	No longer living
oxygen	One of the main gasses that make up air.
Reproduction	When living organisms produce new offspring .
Nutrition	Obtaining the food necessary to be healthy.
Temperature	How hot or cold an object or environment is
Growth	Getting bigger

Working scientifically concepts



Recording Data



Making Predictions



Thrive and Survive - Our Learning Journey

Year 2

- Identifying what animals need to survive
- Identify what plants need to survive

Year 3

- Nutrition

Year 4

- Food chains

Year 6

- Humans staying healthy



Ethics

Is it ever right to pick plants for human use?

