



Outdoor Learning Knowledge Organiser		
Year group: 5	Topic: Growing and Developing a Healthy Lifestyle	Plant Propagation
Key Question: What is the difference between sexual and asexual reproduction in plants?		
What is a balanced diet?		

Key Vocabulary:
Plant, parent plant, reproduction, sexual, asexual, clones, bulbs, tubers, shoots, runners, reproduce, disease, genetic, identical, energy, fat, carbohydrate, protein, vitamins, prevention, life expectancy,

Links to National Curriculum – Science, DT

describe the life process of reproduction in some plants and animals.

Understand and apply the principles of a healthy and varied diet



What key knowledge will I have by the end of this journey?

Understand that sexual reproduction in plants produces seeds/plants that are not identical

Understand that a sexual; reproduction in plants produces clones which are genetically identical to the parent plant

Have some understanding of what plants reproduce asexually.

How to make a new plant using a cutting.

What food groups make up a balanced diet.

What key skills will I have by the end of this journey?

I can describe asexual and sexual reproduction in plants.

I can identify advantages and disadvantages to sexual and asexual reproduction in plants.

I can explain different ways to make new plants.

I can take a cutting of a plant as a method of propagation.

My outcome will be

To understand the advantages and disadvantages of sexual and asexual reproduction in plants.

To understand what a balanced diet is and what food groups it contains.

Links to previous and future learning

In Year 3 To understand how a seed germinates and what conditions are needed for a plant to form. Planting	In year 4 To understand that food choices have an effect on the world environment Planting	In Year 5	In year 6 Understand food labelling and nutrition values Planting
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