

# Teaching Sequence

## Term 3– Materials part 2

### What do we already know?

Flashback Friday - Prior knowledge , key questions, Key Scientific vocabulary. Assessment opportunity.

### Working Scientifically – Sorting & comparing.

Review different everyday materials.  
Describe them using physical properties.  
What is the same? What is different?  
Sort and compare using scientific vocabulary.

### Senses

Explore materials using sight, smell, touch & sound.  
Make predictions.  
Use comparative language.

### Significant Scientists

Charles Mackintosh & Martin Brock  
What did they invent? Why are their inventions important? How has it impacted our lives? Compare their impact on society.

### Exploring/ Investigating

How do we know it is a solid material? Recap and name solid materials.  
Investigation- Explore how solid materials can be changed by stretching, twisting, bending and squashing. Predict and conclude.

### What do we know now – how can we use it? The purpose

What is the same? different? How could they be sorted/ grouped?  
The explain it - Scientific diagrams and explanations. Explain the purpose of materials and why. Quiz opportunities.

# Teaching Sequence

## Term 4- Plants part 1

### What do we already know?

Flashback Friday - Prior knowledge , key questions, Key Scientific vocabulary. Assessment opportunity.

### Working Scientifically – Observing

Go outside and explore different plants.  
Do they know names?  
Can they describe the plants using their senses?  
Can they ask key questions?

### Parts of a plant

What do children know?  
Can they name them?  
Can they describe them?  
Can they draw them?

### Parts of a tree

What do children know?  
Can they name them?  
Can they describe them?  
Can they draw them?

### Exploring/ Investigating

Investigate how solid materials can be changed by stretching, twisting, bending and squashing.  
Predict and conclude.

### What do we know now – how can we use it? The purpose

What is the same? different? How could they be sorted/ grouped?  
The explain it - Scientific diagrams and explanations. Explain the purpose of materials and why. Quiz opportunities.