

# Teacher's Pack

## Outreach Key Stage 1 and 2

### Topic 1: Magical Materials:



In this session pupils will explore natural materials to create artistic crafts. They will learn why it is important to use natural materials and experience the qualities and uses of them

**10 mins-** Introduction to Centre leader. Name game energiser to quickly get to know each other.

**15 mins** Intro to Sustainability Ethics. Earth Care, People Care, Fair shares. Visual aids and board to engage and explain. Circle discussion.

Earth care: Where do our materials come from? What properties do they have? Man- made vs natural. Using natural materials. Why are they more beneficial for the environment?

Fair share: How we share our resources during activities.

**20 mins** Craft activity. Clay tree spirits. Using clay to create creatures or patterns on trees outside in your grounds. Or, if there are no trees, we can do these on card.

**OR 20 mins** Chalk carving with flint. Using chalk and flint from our site. Discovering how chalk is formed. Using the flint as a tool to carve the chalk into shapes. Can be decorated with natural dyes from nature.

**20 mins** Craft activity. Leaf bashing: nature's paintbox. Using small hammers to bash leaves onto fabric, making beautiful patterns and colours from nature.

**10 mins.** People Care : Circle time with an earth based song. Using sticks to create rhythm.

## Topic 2: Creative Critters



In this session pupils will learn about biodiversity, the importance of conservation of wildlife, how some insects live , how they adapt and what we can learn from them.

**10 mins-** Introduction to Centre leader. Name game energiser to quickly get to know each other.

**15 mins** Intro to Sustainability Ethics. Earth Care, People Care, Fair shares. Visual aids and board to engage and explain. Circle discussion.

Earth care: Importance of biodiversity. Looking after wildlife. How animals and insects work to find food, and adapt.

Fair share: How we share our resources during activities.

**20 mins** Woolly worms game. How birds find their food. How camouflage works. The predator and prey relationship. *(key stage 1)*

**OR**

**20 mins** Nature scavenger hunt. Insect identification. How species adapt to survive and what we can learn from them. Biomimicry: looking at their qualities & functions, and how they can inspire design.

**20 mins** Bee game. How bees organise themselves. How they find food. What the different jobs are for different bees. What can we learn from them?

**OR**

**20 mins** Mini bug hotels. ( If there is appropriate outside space and natural materials present). Creating small homes for insects using recycled and natural materials.

**10 mins.** People Care: Circle time with a critters based song. Using sticks to create rhythm.

### **Topic 3 Playful plants**



In this session pupils will learn about the lifecycle of plants, how some plants adapt to survive and how to identify species. Pupils will also look at qualities of plants as inspiration for design.

**10 mins**- Introduction to Centre leader. Name game energiser to quickly get to know each other.

**15 mins** Intro to Sustainability Ethics. Earth Care, People Care, Fair shares. Visual aids and board to engage and explain. Circle discussion.

Earth care. The lifecycle of plants. How we can learn from nature. How species adapt.

Fair shares: How we share our resources during activities.

**20 mins** Nature scavenger hunt. Species identification. How species adapt to survive and what we can learn from them. Biomimicry: looking at their qualities & functions, and how they can inspire design.

**20 mins** Paper Potters. Making plant pots from paper, and planting seeds for school or home. Creating the right conditions for your plant to grow.

**OR 20 mins** Making paper seeds packets to save seeds. How to save and keep seeds.

**10 mins.** People Care: Circle time with an earth based song. Using sticks to create rhythm.

### **Topic 4. Meaningful Music**



In this session pupils will learn about the basic principles of Sustainability through the wonderful medium of song and music. They will experiment with rhythms, use different percussion instruments and listen to an earth based song with themes to discuss. They will

go on a biomimicry nature scavenger hunt to gain inspiration for lyrics to their own song!  
Collectively they will write and song and perform it with music!

**15 mins** Intro to Sustainability Ethics. Earth Care, People Care, Fair shares. Visual aids and board to engage and explain. Circle discussion.

**10 mins** Practice rhythms using percussion instruments

**5 mins** Listen to an earth based song for inspiration and have a dance!

**10 mins** Discussion on the theme of the song

**10 mins** Go outside on a biomimicry nature scavenger hunt to gain inspiration for the song.

**20 mins** Write the lyrics to create a song from our new inspiration.

Practice and sing the song together with instruments.

**5 mins** Circle time reflection.