

Forest School and Science for F2

In each lesson, we will be “Thinking like a scientist” (working scientifically)

Whole school Big Question: How do things change over time?	Sticky Knowledge	Snap Science	Activities	Subject	Concept	Key vocabulary
5 th and 12 th Sept	What is happening to the trees?	Lesson 19	Plant bingo and leaf printing Fairy houses	Biology	change	Autumn Season Winter
19 th and 26 th Sept	How has the American sycamore changed?	Lesson 19 Lesson 4	Plant bingo and leaf printing Conker hunt	Biology	change	Deciduous Leaves Fruit Human Main parts of the body
3 rd and 10 th October	Who lives here?	Lesson 7	Den building Nature crowns	Chemistry	Process Structure Cause and effect	Home materials
Whole school Big Question: What can we learn about the world around us? 1 st and 7 th November	Which hat is best to wear today?	Lesson 8	Trip to Stonebridge Farm Autumn Festivals	Chemistry	Cause and effect changes	suitable
14 th and 21 st Nov	What melts? What happens when you mix it?	Lessons 9 and 10	Rama and Sita Diwali food Save the characters from the ice	Chemistry	Cause and effect changes	Heat Melt Mix Wet dry
28 th and 5 th Dec 12 th and 19 th Dec Science Week	What goes through? How do you make a good bubble?	Lessons 11 and 12 Lesson 16	Santa's workshop making toys Create a manger for baby Jesus	Chemistry Physics	Cause and effect Changes structure	Sieve Separate Grains Mixture Materials Move

	How can we make this? How does my toy work?	Lesson 17				Push Pull twist
Whole school Big Question: How has diversity improved life? 5 th and 9 th Jan	What big ears you have!		Senses All the better to hear you with... Blindfold tasting listening walk	Biology	Similarities and differences change	Senses Listen Taste Touch Sight feel
16 th and 23 rd Jan	How would a dragon move? What is the weather like?	Lesson 22	Weather Chinese Dragon dances	biology	Cause and effect changes	Winter Season Weather temperature
30 th Jan and 6 th Feb	How do shadows move?		Shadow tick and observe shadows over the course of a day	physics	Energy Cause and effect change	Shadows Light Sun
13 th and 20 th Feb	How can I make my wand glow?		Making wands with Circuits	Physics	Energy Cause and effect Change Function Process	Circuits
Whole school Big Question: What makes a good place to live? 27 th and 6 th March	What is happening to the trees? How has the American sycamore changed?	Lesson 20 Lesson 24	Signs of spring Spring walk	biology	Variation Adaptation Function process	Spring Seasons Deciduous Buds Blossom Winter insect
13 th and 20 th March	Who has stripes?	Lesson 2 Lesson 3	Leprechaun houses	biology	Process Structure Variation	Camouflage Habitat
27 th March	What is inside an egg?		Trip to Stonebridge Farm Easter egg hunt	biology	Evolution growth	hatchling

			Growing and new life			
Whole school Big Question: Where does the power come from? 17 th and 24 th April	What is in the sky?	Lesson 14	Earth Day 22 nd April Litter picking Poster making Planet Protector: Eye	physics	Energy process	Fly Fall sky
2 nd and 8 th May	What is the moon? What is the sun?	Lesson 15	Planet protectors	physics	Energy process	Moon Space Astronaut Rocket Sun panets
15 th and 22 nd May	What is happening to the trees? How has the American sycamore changed?	Lesson 21 Lesson 1	Minibeast hunt Adopt a tree observations	biology	classification	Soil Segments Saddle earthworm
Whole school Big Question: Is everything what it first appears to be? 5 th and 12 th June	Is all of a plant green? Who are my parents?	Lesson 5 Lesson 6	Growing plants	biology	Structure function	Seed Root Stem Leaf Flower Animal Adult Male female
19 th June	What surprises are under the soil?	lesson 24	Guess the vegetables from the leaves	biology	Plant life cycles	Root vegetable
26 th June	What do animals eat?		Trip to Stonebridge Farm Den building Feeding the animals Picnic with parents	biology	Similarities and differences	Herbivore Carnivore omnivore
3 rd and 10 th July	What floats?	Lesson 18	Make boats	physics	Change function	Float sink

			Explore floating and sinking			
17 th July	What happens at night?	Lesson 13	Dark tent Sort the light sources	physics	change	Dark Light Sun Moon stars