ALLS FIRST SCHOOL	PICKNALLS	FIRST SCHOOL L	ONG TERM Scie	nce PLAN 202	4 - 25
eve, believe, care	EYFS	YEAR 1	YEAR 2	YEAR 3	YEAR 4
AUTUMN TERM UNITS	EYFS - Autumn 1	Year 1 - Autumn 1	Year 2 - Autumn 1	Year 3 - Autumn 1	Year 4 - Autumn 1
	Nursery & Reception How do we know what season we are in? To identify seasonal and daily weather patterns. To investigate changes to a tree through the four seasons. This will be revisited throughout the year.	What is the weather like today? Throughout the year continue to revise seasons and the changes we see in plants and trees.	How do animals grow and survive? Throughout the year continue to talk about how plants grow and change over a year	What does a healthy body look like?	What are the properties of solid, liquid and gases? Throughout the year use the local environment to study plants and animal in their habitats. Recognise habitats change over the year.
	EYFS - Autumn 2	Year 1 - Autumn 2	Year 2 Autumn 2	Year 3 Autumn 2	Year 4 - Autumn 2
	Nursery—How do my toys move? Explore and talk about different forces they can feel through toys with push and pull elements and friction. Reception—How can water change? Look at the process of making a cup of tea.	What are my senses?	How can I be a healthy human?	Is light important?	What is electricity?
SPRING TERM UNITS	EYFS - Spring 1	Year 1 - Spring 1	Year 2 - Spring 1	Year 3 - Spring 1	Year 4 - Spring 1
	Nursery- What can I see and hear? Explore our Woodland Wonder area through their senses. Reception—How can water change 2! Look at the process of making ice.	What is a material?	Why are objects made from the material they are?	What is a force?	How does sound travel?
	EYFS - Spring 2	Year 1 - Spring 2	Year 2 - Spring 2	Year 3 - Spring 2	Year 4 - Spring 2
	Nursery-Exciting Eggs Understand the key features of the life cycle of a duck. Reception - Natural World Make observations orally and in drawing of changes over time in animals and plants. Life cycle of a butterfly.	What do I know about animals?	Why do animals live where they do?	How do magnets work?	Why do we need to look after our teeth? What does a healthy body look like? Y3 to avoid repeat of unit. This year only.
SUMMER TERM UNITS	EYFS - Summer 1	Year 1 - Summer 1	Year 2 - Summer 1	Year 3 - Summer 1	Year 4 - Summer 1
	Nursery - Growing Tall Plant and care for a sunflower and a bean seed. Reception—How is it different? Compare our woodland wonder area to a contrasting environment.	What do I know about plants?	Where do we get our energy from?	How can rocks be grouped?	How does the digestive system work?
	EYFS - Summer 2	Year 1 - Summer 2	Year 2 - Summer 2	Year 3 - Summer 2	Year 4 - Summer 2
	Nursery- How has it changed? Look at how things decay overtime. Reception-How has it changed? Describe the changes they have seen in our Woodland Wonder area.	What are the properties of a material?	What do plants need to grow?	What is the life cycle of a flowering plant?	How can we use grouping to categories animals?
STANTIVE ONCEPTS	Practical Application	Investigation	Cause and Effect	Responsibility	