



## Statement of Intent for Science

### Our School Vision

#### Nurture, Grow, Flourish

***“For I know the plans I have for you,” says the Lord... “plans to give you HOPE and a FUTURE.”***

***Jeremiah 29:11***

We are committed to creating a positive, safe and nurturing Christian environment, where all members of the school and wider community will be respected and valued.

Within God’s love, we will support and encourage one another to grow and flourish...  
to be the very best we can be.

### Intent

*Why do we teach this? Why do we teach it in the way we do?*

At Forest and Sandridge School, we aim to prepare our children for their future with a “hands –on”, inquiry-based science curriculum that enables them to confidently explore and discover the world around them. We will motivate and actively engage our children, to nurture and grow their curiosity. Core scientific knowledge and skills is taught through direct teaching, experimentation and exploration. Our intent is for all our children to be life- long learners who are: inquisitive, independent thinkers, confident to ask ‘Big Questions’ and who are well prepared for their future in the ever changing world.

### Implementation

*What do we teach? What does this look like?*

Our whole curriculum is shaped by our school vision which aims to enable all children, regardless of background, ability, additional needs, to flourish to become the very best version of themselves they can possibly be.

We teach the National Curriculum, supported by a clear skills and knowledge progression. This ensures that skills and knowledge are built on year by year and sequenced appropriately to maximise learning for all children.

We use a range of resources to plan from including ASE planning and Bath TAPS resources

## Science Curriculum 2019-20



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Animals including humans Focus on humans	Seasonal Changes Animals	Materials	Materials Seasonal Changes	Animals including humans- focus on animals (habitats)	Plants Seasonal Changes
Year 2	Animals including humans	Animals including humans	Use of everyday Materials	Use of everyday Materials	Living things and their habitats	Plants
Year 3	Rocks and Soils	Forces and Magnets	Animals including humans	Plants	Plants	Light
Year 4	Animals including Humans	States of Matter	Electricity	Sound	Living Things and their Habitats	Living Things and Their Habitats
Year 5	Properties and Changes of Materials	States of Matter	Forces	Living things and their habitats	Animals including humans	Earth and Space
Year 6	Electricity	Light	Forces	Living things and their habitats	Animals including humans	Evolution and Inheritance

Specific Science units are taught in each year group, building on from previously taught units and skill coverage. Teachers are free to change the order areas are taught to make cross curricular links as long as all areas are covered over the year.

### **Impact**

*What will this look like? By the time children leave our school they will:*

We intend for our children to think independently, to ask and answer questions about the world around them. To be life-long learners who are enthused, curious and inquisitive, confident to ask 'Big Questions' and who are well prepared for their future in the ever changing world.