

## **Personal and Emotional Development**

### **(Making Relationships)**

We are going to learn how to deal with conflict and become more independent by solving problems ourselves.

### **(Self-Confidence/Self-Awareness)**

A good inventor needs lots of resources! We will be learning to use these independently and for a purpose.

### **(Managing Feelings and Behaviour)**

We will be coming up with a Rights & Responsibilities charter for our laboratories and thinking about how our behaviour affects fellow scientists.



## **Understanding the World**

### **(People and Communities)**

We will look at how technology has changed since our parents were little and look at items from the past (e.g. video tapes).

### **(The World)**

A good scientist knows lots about the world around them. We will be talking about plants and animals, asking questions about our world, looking at how things work and talking about how similarities and differences and change over time.

### **(Technology)**

Now we have settled into school, this half term we will begin to use the ICT suite. We will practice turning on the computers, logging on and using the mouse.

## **Mathematics**

### **(Numbers)**

Along with continuing to practise our numbers to 20, we will be working on counting one more and one less than numbers to 10, 20 and beyond. We will begin to think about combining two groups of objects and using the addition sign to represent this.

### **(Shape, Space and Measures)**

We will use our scientific tools to measure short periods of time e.g. using a stopwatch or a timer. We will need to do lots of measuring and be able to order by height, length, weight and capacity.

# Eureka!



## **Rights and Responsibilities:**

### **Article 13**

You have the right to get and share information.

## **Communication and Language**

Experiments can be tricky! We will need to practise good listening skills and following instructions.

### **Understanding**

We will be using our team-working skills to listen to the ideas and opinions of other scientists.

### **Speaking**

We will be learning lots of new words and extending our vocabulary as we start to understand our world.

## **Literacy**

### **(Reading)**

As well as continuing to practise our tricky words and blending, we will be reading lots of non-fiction books. We will be looking at their features as well as how to use them (and the iPads) for our scientific research.

### **(Writing)**

Now that we are beginning to write initial sounds and some simple words, we will begin to write for different purposes including lists, labels, captions and, very importantly, lab reports! We will continue to practice our letter formation and remember to use our best handwriting in our independent work.

## **Expressive arts**

### **(Exploring Media and Materials)**

We will be designing, planning and making our own inventions. We will select the tools we will be using and adapt our work where necessary.

### **(Being Imaginative)**

A great inventor needs a great imagination! Who knows what we will come up with! Time machines? Flying shoes? Self-cleaning jumpers?! We will also be using music to create scientific sounds & do a robot dance.

## **Physical Development**

### **(Moving and Handling)**

In our laboratories, we will need to handle tools and materials safely and show good control.

### **(Health and Self-Care)**

A good lab must be clean! We will be investigating germs and making sure that we are always Hygiene Heroes.

## **Enrichment**

We are hoping to get someone to come into school and do some fantastic science experiments for us. If you think you could help with this, then please speak to your child's teacher.

**Parent / Carer Reply Slip:** Please send us your suggestions and comments: