

## **Personal and Emotional Development**

### **(making relationships)**

We will be looking at what makes a good friend and what type of friend we want to be. We will try to sort out our own problems by compromising and sharing when playing with our resources.

### **(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)**

Scientists have lots of boundaries set in their workplace! We are going to try and make sure we are following our behavioural expectations that have been set for our classrooms.



## **Communication and Language/Listening & Attention**

Experiments can be tricky! We will need to practise good listening skills and work hard to follow 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.

## **Physical Development**

### **(moving and handling)**

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

### **(Health and self-care)**

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

Parent/Carers Reply Slip Please send in your suggestions and comments.

## **Understanding the world**

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 a lot 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 change over time.

### **Technology**

We are very lucky to have a new set of iPads in school. We are going to learn how to navigate around the iPads and use them to aid our learning. We will also continue to visit the ICT suite!

# **Mad Science**

## **Literacy (Reading)**

We are having a big focus this half term on reading and recognising all our tricky words. We will be going on tricky word hunts around school, trying to find as many words as we can. We will also try to spot some of these tricky words when reading our reading books. We will also be starting our guided reading session, where we will have more opportunities to talk about the story we have just read.

## **(Writing)**

Last half term we focused on writing lots of lists and labelling lots of pictures. This half term we want to challenge ourselves and begin to think about writing a simple sentence or caption (depending on your child's ability). We always say our sentence out loud first and count how many words we have. Then we will attempt to write our sentence, making sure we don't forget any words.

## **Mathematics: Number**

We will learn about estimating and practise estimating how many objects we can see. Like true scientists, we will learn how to double and halve numbers using different resources to help us work out the answers.

## **Shape Space & Measure**

We will be learning lots of new positional vocabulary, which will help us to explain where an object is. We will also be looking at which objects are heavy and which objects are light and comparing these measurements.



## **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 and do a robot dance.

## **Enrichment**

We will be holding our own Mad Scientist Workshop where we will come off timetable for a whole morning to complete lots of different science experiments.