

## **Grange infant School**

### **Science Policy**

#### **Rationale**

Science teaches children about phenomena and the world around them. Science is a medium through which children develop their ability to think, hypothesise, evaluate, explain and question the world around them and the impact of science on it.

#### **Aims**

- ☒ encourage children to question the world around them, make suggestions and explore possibilities
- ☒ encourage children to be creative thinkers
- ☒ develop each child's ability to acquire knowledge through an investigative approach, with due regard to safety.
- ☒ use computing to develop skills and support knowledge
- ☒ make links between science and the real world
- ☒ develop children's understanding of key scientific concepts.

#### **Provision**

Science is taught in blocks and in mixed ability classes. We have begin to use the learning journeys as devised by HIAS to plan science teaching and learning.

The curriculum map details which areas are taught in each term and the Key ideas overview shows which year group and term the different key ideas are addressed. The long-term planning ensures that all areas are covered and there is a balance over KS1.

A range of teaching styles are employed to engage, excite, stimulate and promote a desire to develop scientific thinking. Wherever possible, scientific investigations will be set within a real-life context.

Resources are audited annually and checked with each year group as appropriate and needed.

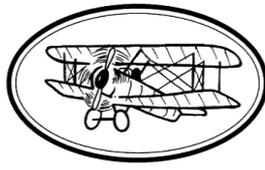
#### **SEN**

Children with specific needs will be identified and provided for according to their needs; through support, scaffolding and differentiation.

#### **Gifted & Talented**

Children will be identified through the G&T register and extended through challenging activities which promote higher-order thinking skills.

#### **Health & Safety**



The health and safety policy is adhered to in all lessons, but where there are specific issues it is highlighted within the planning and additional guidance is given. Science health and safety is completed annually.

Assessment, Recording and Reporting

Achievement and attitude towards how they work scientifically and the level they in, in Science are reported to parents in annual reports and at parent evenings.

Policy updated: Sept 2021

Review Date: Sept 2022