



## **Ingenuity Curriculum Mission Statement**

### **Intent**

At Great Sampford Primary School, we aim to give our children a broad and balanced curriculum which enables them to become confident, creative and independent learners. We seek to broaden children's real-life experiences both inside and outside of school through educational visits & visitors. We provide our children with the foundations needed for being inventive and original in their thinking where creativity is at the heart of their success. Through research and discovery, the children are encouraged to expand their knowledge and imagination.

We offer opportunities for research and discovery to prepare children to be thoughtful, ethical and engaged members of society.

### **Implementation**

At Great Sampford Primary School, our **Ingenuity Curriculum** consists of:

#### **Science**

Children in EYFS are taught through 'understanding of the world' and is closely linked to topics. Weekly science lessons are taught in KS1 and KS2 where children; are encouraged to work scientifically, ask questions, make observations, perform tests, identify and classify, using observations and ideas to suggest answers to questions, gather and record data.

The Science curriculum is enhanced by visitors and trips, 'ingenuity week', resources from topic boxes as well as those borrowed from Secondary schools and use of the outdoor environment.

#### **Computing**

In EYFS, children recognise that a range of technology can be used in a variety of ways.

In KS1 and KS2, the children are taught to code, communicate, present information and understand the importance of keeping safe online.

Their computing skills are enhanced by use of state of the art technology including laptops, iPads and a 3D printer.

#### **Design Technology**

In EYFS children safely explore and use a variety of tools and techniques.

In KS1 and KS2 children are taught to design, make and evaluate through creative and practical activities.

Visitors such as Engineers support themed days to enhance the curriculum.

#### **Food Technology**

We aim to instil a love of cooking in all children.

Strong links are made with other subjects.

Our 'Kids Kitchen' is used across the school as an integral part of the curriculum.

Parent helpers are invited in to cook with small groups of children.

### **Impact**

We strive to ensure that our children's attainment is in line with or exceeds their potential when we consider the varied starting points of all our children. We measure this by considering the age-related expectations for each year group as set out in the National Curriculum. Our intentions are that our broad and balanced curriculum will ensure our pupils are academically prepared for life beyond primary school and throughout their educational journey.