

## St Leonard's Maths Statement



### **Article 28**

Every child has the right to an education. Primary education must be free. Secondary education must be available to every child. Discipline in schools must respect children's human dignity. Wealthy countries must help poorer countries achieve this.



### **Article 29**

Education must develop every child's personality, talents and abilities to the full. It must encourage the child's respect for human rights, as well as respect for their parents, their own and other cultures, and the environment.

### **Aims**

Maths teaches children how to make sense of the world around them through developing their ability to calculate, reason and solve problems. It enables children to understand relationships and patterns in both number and space in their everyday lives. Through their growing knowledge and understanding, children learn to appreciate the contribution made by many cultures to the development and application of mathematics.

### **We aim:**

- to promote enjoyment of learning through practical activity, exploration and discussion;
- to promote confidence and competence with numbers and the number system;

### **We want our children:**

- to develop the ability to solve problems through decision-making and reasoning in a range of contexts;
- to develop a practical understanding of the ways in which information is gathered and presented;
- to explore features of shape and space, and develop measuring skills in a range of contexts;
- to understand the importance of mathematics in everyday life.
- to become fluent in the fundamentals of mathematics, reason mathematically and solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication.

### **Rationale**

- Access to cultural goods, tools, resources, and technologies has changed dramatically in recent years and has radically changed the tools available to our pupils. With this change, creativity has emerged as the new cultural capital of the maths classroom. At St Leonard's, we believe that creativity is needed to address current and future problem-solving challenges of the twenty-first century and beyond.
- Maths contributes to and draws from many subjects and aspects of the curriculum. Pupils can be helped to appreciate the importance of maths in their lives by making these links explicit. Maths is an essential-skill in the curriculum and also a life skill.
- St. Leonard's Primary School is committed to developing the full range of maths skills for all pupils through a co-ordinated approach, involving all staff, across every curriculum area. The school aims to empower pupils with the maths skills required for them to become confident learners and lead fulfilled lives as citizens in their local and the wider community.