Statement of Intent – Design Technology

Purpose – Why is this subject important?

- ➢ Children are encouraged to be imaginative, creative and innovative.
- ➢ Design Technology develops a wide range of key skills including problem solving, language and communication, social skills, decision making, critical thinking and risk taking.
- ➢ It allows personal development, including confidence, self-motivation, independence and resilience.
- ➢ Children develop a critical understanding of the impact of Design Technology on daily life and the wider world. children also learn about important national and international issues such as the environment, sustainability and enterprise.
- ➢ Design Technology creates resourceful, skilled and creative citizens and creates our innovators, designers and engineers of the future who make an essential contribution to the creativity, culture, wealth, and well-being of the nation.

Principles – What are the distinctive ways of knowing, working and learning in this subject?

- ➢ Design Technology provides opportunities to develop capabilities when working with a range of materials including textiles, food and wood.
- ➢ Children are taught specific skills in design and planning, making, evaluating and technology knowledge and vocabulary.
- ➢ Children learn about a range of engineers, inventors and designers, exposing children to a wealth of history and culture.
- ➢ Children are given opportunities to work independently and collaboratively on projects and other tasks and challenges.
- ➢ It provides opportunities for observations and evaluations to made of their own and others designs and products. These include themes of aesthetic, economic, moral, social and technical.

Expectations – What does success look like?

- ➢ Children enjoy and achieve in Design Technology
- ➢ Children have the knowledge, skills and ability to produce a range of designs and products.
- ➢ There is an appreciation for not only the end products but for the process undertaken.
- ➢ All learners, at all levels are challenged – continually developing and improving.
- ➢ Children design and make products that solve genuine problems within different contexts whilst considering their own and others wants, needs and values.
- ➢ Children are able to observe closely, appreciate and value all creations and take part in rich discussions about their own and others creative pieces.