SUBJECT OVERVIEW: Design and Technology

INTENT: What we want to achieve	**IMPLEMENTATION:** How we will achieve it	**IMPACT:** What the outcome will be
• At South End Infant School, we intend to teach Design and Technology as an inspiring and practical subject teaching. • We want all children to learn based on the 2014 National Curriculum in Key Stage 1 and Early Year Foundation Stage Curriculum in Reception. • We want children to become creative problem-solvers, both as individuals and as part of a team. • Through the study of Design and Technology, we want our children to acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science and art. • We aim for our children to learn how to take risks, to become resourceful and innovative. • Through the evaluation of past and present products, we intend for our children to develop a critical understanding of its impact on daily life and the wider world. • We want to teach our children the skills and technical knowledge within Design and Technology so that when they leave they are ready for the Junior school and beyond. • We incorporate food and nutrition into each year of South End Infant School. We want them to learn the importance of a balanced diet and food hygiene.	We will ensure that our curriculum provides a progressive, skills-based approach to the subject, based on the 2014 National Curriculum and Early Years Foundation Stage Curriculum. The Design and Technology subject leader ensures that there is a skills progression throughout the school and is sequenced appropriately to maximise learning for all children. **Early Years Implementation:** • Continuous provision activities for children to explore, build and create. • Adults supporting and guiding learning. • Children talking about what they have made, how they made it and what it does. **Key Stage 1 Implementation:** • Opportunities to discover how to make a mechanism and explore new tools and resources. • Children are given the opportunity to create a wide range of different products practising their skills. • Children are taught to design, make and evaluate products. They are also taught technical knowledge. • In the children's cooking and nutrition lessons they are taught the basic principles of a healthy, varied diet, preparing and cooking as well as understanding where food comes from. • Children will be encouraged to take risks and to think for themselves. • Past and present products will be evaluated by individuals and groups. • Knowledge organisers are used to introduce and reinforce learning at home and in school.	We believe that we are teaching life-long skills to our children on how to craft and make products for themselves and also vital skills in cooking and nutrition. Our children learn how to take risks, become resourceful, innovative and creative. The impact of our Design and Technology curriculum can be seen in our children's topic books and classroom displays. We measure the impact of our curriculum through the following methods: • Assessing the children's prior knowledge before and after a unit is taught. • Summative assessment of pupil discussions about their learning. • Images of the children's practical learning. • Interviewing the children about their learning (pupil voice). • Marking of work in books. Children will use technical vocabulary and will apply and understand the skills taught. Children will improve their enquiry skills and inquisitiveness about the world around them, and their impact through design and technology on the world. They will demonstrate their perseverance by evaluating and improving their work based on their own or others evaluations.