**Design and Technology- Intent, Implementation and Impact**

**Intent**

At Cambois Primary School we strive to design and deliver a Design Technology curriculum which is inspiring and practical. We want our children to use creativity and imagination whenever possible in order to be able to design and make products, models and structures that solve real and relevant problems, whilst also taking into account their individual needs, wants and values as well as the needs of others.

We intend for every child to have the opportunity to acquire the appropriate skills, knowledge and understanding defined in the National Curriculum. We intend to achieve this through making strong cross curricular links with other subjects such as Math, Science, Art and Computing.

The Design and Technology curriculum in Cambois has been designed and planned to provide the children with a sense of responsibility but also to give them opportunities and experiences they will need to be successful later in their life.

**Implementation**

DT is a vital part of school life and it is for this reason that as a school team we are dedicated to planning and delivering a high quality DT curriculum. The way in which we implement this is through a well thought out and easy to access whole school yearly overview. This is broken down into terms so class teachers and parents are able to see what each year group is learning/ being taught and when, but also ensures that all aspects of the DT curriculum are being covered evenly. This allows for progression across year groups in all areas of DT. Well planned and resourced topics providing children with a range of hands on and enriching experiences. A wide variety of skills covered and taught to ensure children are aware of the health and safety issues related to the tasks undertaken. Teachers are given the flexibility to plan lessons related to the topic. DT lessons are taught every other week interweaving with art to allow children the time needed to be critical and inventive. Each topic from Year 1 to Year 6 addresses the key principles of designing, making and evaluating set out in the National Curriculum whilst also incorporating the relevant technical knowledge. Pupils are being introduced and researching about specific designers and chefs etc to help the children to appreciate creativity and achievement.

**Impact**

Children will have clear enjoyment and confidence in DT which they will then apply to other areas of the curriculum creating cross curricular links. Through the use of carefully planned and implemented learning activities the pupils of Cambois are able to develop the creative, practical and technical skills and expertise needed to perform everyday tasks with confidence but to also be able to participate successfully in a heavily technological world. Pupils will also gain a firm foundation of skills and knowledge to ensure they are equip to take on further learning as they move through the school and onto High School. Pupil’s skills and knowledge are assessed ongoing by the class teacher, throughout lessons through the use of observation, questioning and assessing the children’s work. Teachers use the DT knowledge and skills progression documents to assess the children’s progress. This then informs teachers and the DT lead of any further areas of the curriculum the children may need to develop or need support with. But also allows the DT leader to identify any areas staff may require training.