Pawlett Primary School Academy

'Learning together. Growing together'

Design & technology subject leadership

1) What is the intent?

In design & technology: What is the intent behind the sequence of learning / curriculum?

(Following the national curriculum)

- Children will be taught key **knowledge, skills and vocabulary** through sequences of coherent and connected lessons

- Design & technology will encourage children to creatively solve problems both as individuals and as members of a team. Children will design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values

- **In KS1** children will give children opportunities to design products that are relevant to them (such as the home and school, gardens and playgrounds, the local community, industry and the wider environment)

- **In KS2** children will be taught to analyse and create their own innovative and functional products for a range of relevant contexts (for example, the home, school, leisure, culture, enterprise, industry and the wider environment)

- Children will be taught design technology **skills**: How to select and safely use a variety of tools

- **British values** are embedded in the sequence of design technology teaching – e.g. everyone's views are valued and considered

- Children will be taught specific , technical ,design technology **vocabulary**

- Children have **opportunities** to appraise existing designs and use their evaluations to develop their own fit-for-purpose designs

2) Implementation – design & technology subject leaders will use:

- Lesson observations / check ins
- Long term planning – (does it show a learning journey?) a sequence of lessons that are linked allowing for the process of analyse, design, make and evaluate

- Learning theme big books, children's books to show what has been taught
- Pupil conferencing – do children know the purpose of their design?
- Talk to teachers – are they teaching the intended curriculum?

3) What is the impact?

- Book looks - are the evaluations and designs presented to a high standard?
- Pupil conferencing – are children able to communicate health and safety within design technology? Are children able to justify their choices in own designs?
- Can children talk about their experiences and designs? Are children able to explain how different designs impact on others and the world around them?

4) What will excellence look like in design technology?

- Teachers know the intent of design & technology – why we are teaching what we are teaching
- There is a very clear journey in design & technology which constantly makes links to and builds on previous learning
- Children will speak confidently and enthusiastically about the designs that they have created
- Children are using technically accurate design technology **vocabulary**
- Children will have the opportunity to be purposeful and functional when designing, selecting and safely using appropriate tools, selecting materials based on characteristics to make products and evaluating design work of themselves and others
- Children will adhere to a set of clear guidelines when using tools
- Children and adults have a love of design & technology