



### A snapshot of how our BRICKS principles drive our **ELE Design & Technology** curriculum:

#### Instil our **B**ritish Values including diversity:

- Through Design Technology we ensure that we develop rounded citizens who are able to live well together with dignity and respect. We expose children to a range of job prospects and opportunities they may wish to peruse in the future as well as a variety of transferable life skills e.g. cooking, baking, sewing, stitching, sawing, electrical system knowledge etc.
- We celebrate diversity and ensure that all members of our school community feel valued and respected. We share and generate ideas in pairs, small groups or as a whole class. We respect ideas shared and support learning by suggesting improvements or enhancements to peers.

#### Develop **R**esilience & Resourcefulness:

- Through the teaching of Design Technology, pupils develop skills of resilience and resourcefulness through each unit of learning. Children will encounter projects that do not necessarily work out the first time but will always be encouraged and coached to find a possible solution.
- We want all of our pupils to relish challenges, embrace their mistakes as part of the learning process, value the importance of effort, have the perseverance to complete challenging tasks, respond carefully to feedback and take inspiration from others.

#### **I**nspire critical thinking and independence:

- Generate prototypes before finalising projects which enable thought for potential problems and hazards. Children have the opportunities to adapt and overcome design obstacles. Children use their resilience for critical thinking to explore a variety of problem-solving techniques. Through the process of evaluation, children are able to reflect back on final projects and discuss with peers how they would adapt or change their working next time.
- Critical thinking will enable children to better express their thoughts, ideas and beliefs and enable them to make good decisions and understand the consequences of their actions.

#### **C**reate articulate learners:

- At Eccleston Lane Ends oracy is key as we feel that this skill is invaluable not only for children's educational development but for their future lives. Within the Design and Technology curriculum, communication and verbalisation are key to making projects successful. A group of peers need to be able to share and listen to ideas, discussing potential success and potential failings. Having the correct vocabulary is key to this. Recapping, reusing and repeating subject specific language each lesson helps children to embed the vocabulary they need and apply to discussions and thinking.
- We endeavour to give our pupils, a place to talk, a reason to talk and the tools with which to communicate effectively.



### Building upon **K**nowledge & skills:

- Throughout the teaching and learning of Design Technology, previous knowledge and skills are revisited each year and developed by the pupils. Children use a knowledge mat to expose them to new vocabulary and concepts, as well as 'Make it stick' pages for each unit to recall key learning from each lesson. Children build on previous units to improve skills as well as vocabulary.
- This ensures that children are constantly revisiting and accessing prior learning and that learning is successfully retained and drawn upon in the future.

### **S**upporting well-being & health:

- ELE school community and support is key when teaching and learning the subject of Design Technology. With a lot of group-based projects, children must learn to work collaboratively and respectfully with each other. Children must have kindness in mind when they provide feedback to peers and have intentions of support. Welcoming ideas from others is a way to successfully develop a project. Often seeking support from skilled specific members of the local community, children will show kindness and respect to individuals who visit classes.
- In Food & Nutrition, food handling and hygiene is taught and referred back to throughout each unit. Healthy diets and lifestyles are embedded within the curriculum planning. With 'wellbeing' as a curriculum driver, we give children the confidence to thrive in a diverse, global society and be respectful citizens with British Values at the core.