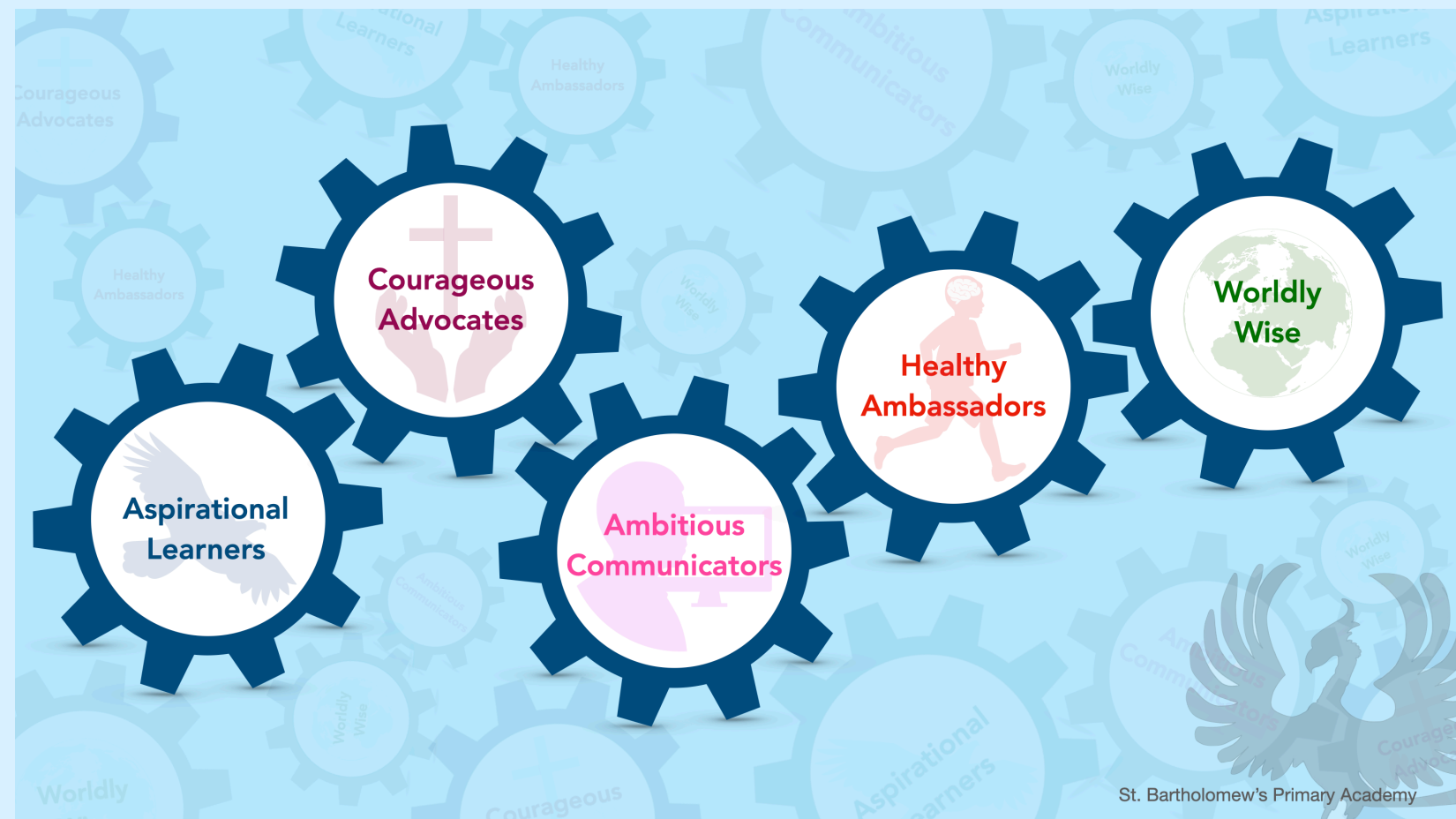


Design and Technology Flight Path

Hand in hand we learn, we grow, we soar

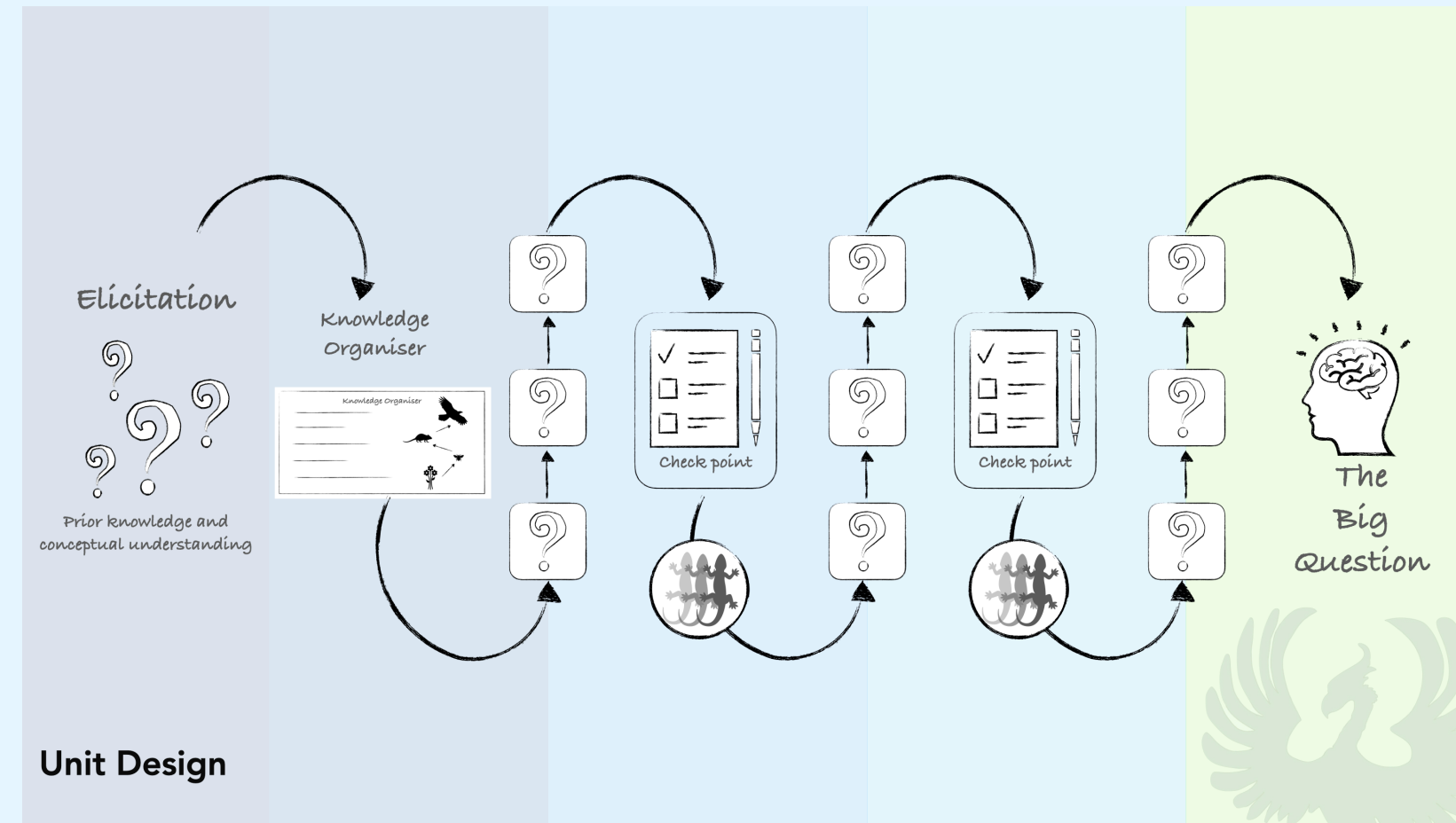


Our Curriculum Drivers



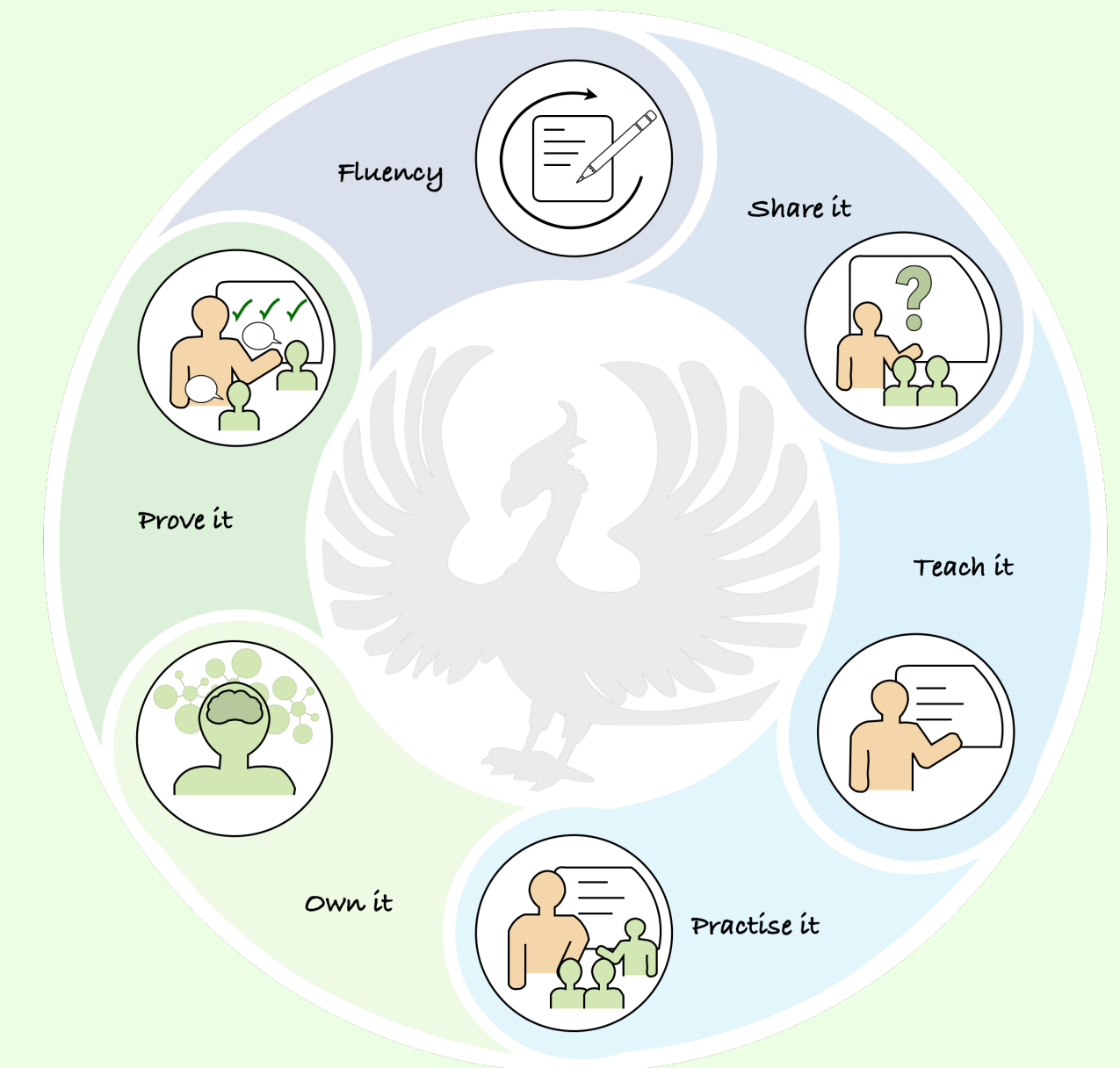
These articulate the ambition of our curriculum and how it will enable children to be confident, successful and ambitious citizens, prepared for life outside of school.

Our Unit Design



These are the principles that teachers adhere to when designing a unit of work, to ensure it builds upon prior learning and leads to secure schema.

Our Lesson Design



This is the structure we follow during lessons to reduce cognitive load and ensure all children are able to succeed.

Curriculum Intent

We want Design and Technology at St. Bartholomew's to encourage children to learn to think and intervene creatively to solve problems both as individuals and as members of a team. We encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Children are given opportunities to reflect upon and evaluate past and present design technology, its uses and its effectiveness and are encouraged to become innovators and risk-takers.

Implementation

The Design and Technology Curriculum is primarily taught using the curriculum resource Kapow. Through the carefully planned structure, children incrementally build upon their skills designing, making and evaluating across the key areas of the curriculum. In order for children to have adequate curriculum time to develop their designs and skills culminating in a well evaluated design, D&T is taught in small blocks of 1-2 days on a termly basis. The structure of the curriculum provides a whole school approach enabling children and stage to see the skills build over each year - the same concept will be taught in the same term across the school for the three key concepts that span the entire primary school range: textiles, structures and cooking & nutrition.

In addition, where complementary, Design and Technology skills are practised and revisited through the International Primary Curriculum, using a topic based approach.

Leaders are expected to provide support for those teaching outside their main areas of expertise ensuring teachers have a good knowledge of the DT curriculum. Through the use of high quality resources, and by making clear links with IPC and Science, children will be given the opportunity to explore designing and making in real world contexts. Well-planned sequences of lessons immerse the children in the design and making process, from analysing the existing products, through to evaluating the finished version made by the children. Vocabulary will be taught, displayed and re-visited to support and extend learning and children will talk about their learning and the process they have followed articulately with a high level of understanding.

Impact

We use a variety of strategies to evaluate the DT Knowledge, Understanding and Skills that our children have gained in each unit:

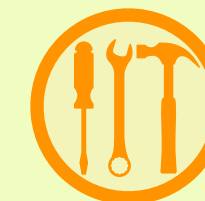
- CPD to ensure that teacher pedagogy and assessment is secure.
- regular feedback marking and pupil voice feedback.
- subject monitoring, including sketch book and regular book looks.



Design



Evaluate



Make



Technical Knowledge



Cooking and Nutrition