

# What DT looks like at St Mary Mags

## Threshold concepts

The big ideas which children will explore and return to throughout topics and throughout the whole of their time at school.

To design, make, evaluate and improve.

To master techniques/practical skills.

To take inspiration from design throughout history.

## Milestones

The goals children are aiming for to show they are meeting expectations of the curriculum.



## Knowledge categories

Providing children with the knowledge they need to understand concepts. Making connections between learned and new knowledge. Repeated opportunities to practise, revisit and apply to different contexts.

## Vocabulary

To articulate understanding of subject content.



## Retrieval practice and opportunities

Strategies to embed and deepen knowledge. A variety of activity types.



## Chilli challenges and progression documents

Differentiation and depth of understanding. Progression of topics through year groups.



At the core, we focus on quality teaching and learning opportunities for all children.

## Resources to support teaching and learning

Knowledge organisers/Chris Quigley  
DT Association  
Kapow Learning  
Plan Bee

Resource document for staff signposting to other resources

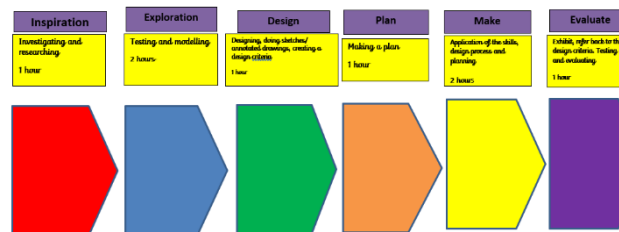


## Recognising individual learning styles

Providing opportunities for children to take ownership, present their own lines of enquiry.

## Sequenced lessons

DT is taught in a block in the 2<sup>nd</sup> half term. Opportunities to research and be inspired by designers before practising skills and applying.



Year Group	Year 7	Year 8	Year 9	Year 10	Year 11
Design Process	...	...	...	...	...
Technical Knowledge	...	...	...	...	...
Design Solutions	...	...	...	...	...