



Inspiring All To Soar To New Heights

“But those who hope in the Lord will renew their strength. They will soar on wings like eagles.” Isaiah 40:31

Design Technology Yearly Overview

AUTUMN TERM	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
DT Focus	Mechanical systems Christmas cards – levers and sliders	Structures – UK landmarks	Structures – Making a Castle	Textiles - Fastenings	Cooking and Nutrition – developing a recipe	Cooking and Nutrition – 3 rd class meal
Links to prior learning	Builds on fine motor skills work from EYFS.	Children have the opportunity to develop their listening and oracy skills and apply them in a context. Builds on mechanical knowledge and evaluation skills from Yr 1	Develops knowledge of structures from KS1 Improves knowledge of the design process and the different stages Builds on measuring skills from maths .	Build on textiles knowledge from Y3 –running stitch.	Builds on previous food units. Children develop their skills at adapting recipes. Children develop their showcasing skills.	Builds on previous food units. Children develop their skills at adapting recipes. Children develop their showcasing skills
Links to future learning	Mechanical systems will be developed in Yrs 4 & 5	Structures knowledge will be developed in Yrs 3 & 5	Provides a foundation for the structures units in Yrs 5	Children revisit in UKS2	Children will be able to use their skills at adapting recipes when cooking for themselves at home	Children will be equipped to continue their DT journey into secondary school and build on the skills and knowledge they have learnt at Downham.
SPRING TERM	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

DT Focus	Nutrition – Making smoothies	Textiles – pouches	Textiles - Cushion	Electrical systems – torches	Mechanical Systems – gears & pulleys	Electrical systems – steady hand game
Links to prior learning	Build on EYFS knowledge of healthy foods	Builds on textiles knowledge from Yr 1	Builds on knowledge of healthy eating from KS1 Develops knife skills that children developed in KS1	Children build on their knowledge of forces from science Children use their improving drawing skills to make accurate diagrams	Builds on previous mechanics units Builds on knowledge of the importance of making products appealing to consumers	This builds upon prior knowledge of electric systems in Yr 4
Links to future learning	Revisit food and nutrition in subsequent years	Children develop sewing skills that they will use in Yr 3 & 4	Food knowledge will be built on each year	Children will revisit electricity in Y5	Children will be able to build on and use their skills in electrical systems in Yr 6	Children will be equipped to continue their DT journey into secondary school and build on the skills and knowledge they have learnt at Downham.
SUMMER TERM	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
DT Focus	Textiles – puppets	Cooking and Nutrition – balanced diet	Food technology – making a vegetable tart	Mechanical slingshot cars	Structures – Bridges	Textiles – waistcoats
Links to prior learning	Builds on fine motor skills work from EYFS	Builds on knowledge of healthy eating from Yr 1 Develops knife skills that children developed in Yr 1	Builds on knowledge and cutting skills from Y2	Build on previous knowledge	Build on previous structures units Builds on the understanding that design of products can affect consumers	Children use previously learnt sewing skills to create their product Children use their art skills to help them choose appropriate

						colours for their product
Links to future learning	Textiles skills are revisited in Yr 2, 3 and Yr 6	Food knowledge will be built on each year	Food knowledge will be built on each year	Children will revisit in UKS2	Children will be equipped to continue their DT journey into secondary school and build on the skills and knowledge they have learnt at Downham.	Children will be equipped to continue their DT journey into secondary school and build on the skills and knowledge they have learnt at Downham.