



Holden Lane Primary School Design and Technology Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1						
Unit		Mechanisms Levers & sliders Design and make a moving Christmas card for a family member.		Structures Free Standing Structures Design and make a bridge for the three Billy Goats Gruff to help them to cross the river safely. (Link with Literacy)		Cooking & Nutrition Design and make a fruit salad to help to give us energy for sports day.
Year 2						
Unit		Cooking & Nutrition Design and make a healthy flapjack for Granny Mainland to give her a taste of island life. (Katie Morag Island Homes)		Mechanisms Wheels and Axels Design and make a car to play with during wet playtimes.		Textiles Templates and joining techniques Design and make a puppet for a younger child to help them to retell a story.
Year 3						
Unit		Cooking & Nutrition Design and make a Stone Age stewed fruit dish. (Stone Age)		Textiles 2D to 3D shapes Design and make a pencil case for themselves.		Mechanisms Levers & Linkages Design and make an interactive information poster about the Ancient Egyptians.
Year 4						
Unit		Cooking & Nutrition Design and make a chocolate bar for a friend to enjoy. (America)	Structures Shell Structures Design and make suitable packaging for their chocolate bar.			Electrical Systems Simple Circuits & Switches Design and make a night light for a younger child to use at bedtime.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5						
Unit		Mechanisms Pulleys & Gears Design and make a Ferris wheel for a holiday resort in Greece (link with Science 'Forces')		Structures Framed Structures Design and build a bridge to help Toad to cross the river. (Rivers- Link with Wind in the Willows)		Cooking & Nutrition Design and make a savoury scone to sell to raise money for the school.
Year 6						
Unit		Textiles Combining Fabric Shapes Design and make a Christmas tree decoration to hang off the school's Christmas tree.		Cooking & Nutrition Design and make a vegetable turnover for a WW2 family meal using ingredients that were available at the time. (Dig for victory-WW2)		Electrical Systems Complex Circuits & Switches Crumbles kit (link with Computing and Science 'Electricity')