


PATTERDALE 4 YEAR TEACHING CYCLE

	AUTUMN (Keldas)	AUTUMN (Helvellyn)	SPRING (Keldas)	SPRING (Helvellyn)	SUMMER (Keldas)	SUMMER (Helvellyn)
Design & Technology CUSP Cycle A	Textiles (Block A Y2) How can you repurpose an item of clothing?	Textiles (Block A Y3) How can you make a box out of cloth?	Mechanisms (Block C Y2) Are bigger wheels always better?	Mechanisms (Block C Y3) How can you do a lot of work with little effort?	Food and nutrition (Block E Y2) How healthy is your food?	Systems (Block E Y3) How are things powered?
	Food and Nutrition (Block B Y2) What does healthy mean?	Food and Nutrition (Block B Y3) What do we mean by a balanced diet?	Materials (Block D Y2) How can you waterproof a hat?	Food and Nutrition (Block D Y3) How does food affect both body and mind?	Structures (Block F Y2) How strong is a piece of paper?	Structures (Block F Y3) What makes a bridge strong?
Design & Technology CUSP Cycle B	Mechanisms (Block A Y1) How can you make a moving picture?	Electrical Systems (Block E Y4) How useful are switches?	Food and Nutrition (Block C Y1) How does food affect you senses?	Textiles (Block C Y4) How do we keep a tea towel from slipping off a hook?	Textiles (Block E Y1) How can two squares of fabric keep you warm?	Food and Nutrition (Block A Y4) What's really in your food?
	Structures (Block B Y1) How can you stop a tower from toppling over?	Food and Nutrition (Block F Y4) Is cheap food always worse for you?	Materials (Block D Y1) Can you build with bread?	Structures (Block D Y4) What shapes will give a structural stability?	Nutrition (Block F Y1) Why are vegetable the best?	Mechanisms (Block B Y4) How many ways are there to open a door?
Design & Technology CUSP Cycle C	Textiles (Block A Y2) How can you repurpose an item of clothing?	Food and Nutrition (Block A Y5) Why are our diets so different?	Mechanisms (Block C Y2) Are bigger wheels always better?	Textiles (Block C Y5) What fabric is ideal for creating a functional and hard-wearing lunch bag?	Structures (Block F Y2) How strong is a piece of paper?	Structures (Block E Y5) How are frames strengthened, reinforced and made rigid?
	Food and Nutrition (Block B Y2) What does healthy mean?	Textiles (Block B Y5) What fabric is ideal for creating a functional and hard-wearing lunch bag?	Materials (Block D Y2) How can you waterproof a hat?	Food and Nutrition (Block D Y5) What can we learn from different cultures' diets?	Food and Nutrition (Block E Y2) Hoe healthy is your food?	Mechanisms (Block F Y5) How can you lift a car onto a roof?

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Design & Technology CUSP Cycle D	Mechanisms (Block A Y1) How can you make a picture move?	Electrical Systems (Block E Y6) Can switches perform more than one function?	Food and Nutrition (Block C Y1) How does food affect you senses?	Food and Nutrition (Block A Y6) Can street food save us?	Textiles (Block E Y1) How can two squares of fabric keep you warm?	Food and Nutrition (Block C Y6) Does food affect the way you feel?
	Structure (Block B Y1) How can you stop a tower from toppling over?	Textiles (Block F Y6) How we can reduce, reuse and repurpose?	Materials (Block D Y1) Can you build with bread?	Mechanisms (Block B Y6) How do pulleys and gears let you see the world?	Food and Nutrition (Block F Y1) Why are vegetable the best?	Structures (Block D Y6) How strong is a piece of spaghetti?