Skelton Primary School

2020-2021 DT Overview

Subject	Autumn	Spring	Summer
Topic	Around the World	York	Environment Explorers
Y1	**Textiles: Puppets** Project: To make a finger puppet of an animal not native to the UK.	**Mechanisms: Making a Moving Story Book** Project: A story based in York with sliding parts.	**Mechanisms: Wheels and Axles** Project: A junk model vehicle with two axles and four wheels. Themed on topic.
Y2	**Mechanisms: Making a Moving Monster** Project: Use card and split pins to make a jungle animal (or related topic item) to move.	**Textiles: Pouches** Project: Making a purse as a Mother's Day present OR Easter themed.	**Mechanisms: Fairground Wheel** Project: Making a ferris wheel with an axle and using a wheel. Themed on topic.
Y3	**Mechanical Systems: Pneumatic Toys** Project: Use balloons and syringes to use air to make a jungle animal move- whether legs moving or mouth opening.	**Electrical Systems: Static Electricity** Project: Create a game using static energy. York based.	**Textiles: Cushions** Project: Sew a cushion and applique with environmental slogans/ topic based.

Y4	**Mechanical Systems: Making a Slingshot Car** Project: Making a safari vehicle or mode of transport from another culture.	**Electrical Systems: Torches** Project: Making a spotlight to illuminate Y1's story books.	**Textiles: Fastenings** Project: Making a book sleeve to keep their reading book safe over the summer holidays.
Y5	**Textiles: Stuffed Toys** Project: Making a children's toy to sell at the Christmas Fayre.	**Mechanical systems: Automata Toys** Project: Making a wooden frame and then using off centre cams and levers to make movement. York themed.	**Structure: Bridges** Project: Build and test bridges made from different materials
Y6	**Textiles: Christmas stockings** Project: Making a Christmas stocking as a gift or to sell at the Fayre.	**Mechanical systems: Automata Toys** Project: Making a wooden frame and then using off centre cams and levers to make movement. York themed.	**Electrical Systems: Making a carousel with a motor** Project: Making a fairground carousel with a circuit and a motor to turn.