

Key Stage 1 – Cycle 1

Term	Focus	Topic Link (If needed)	Objectives
Autumn	Construction/ Mechanisms – Mini-beast – sliders/levers for a new book	Standalone (Year group topic GFOL – Historical focus)	- I can construct a sliding mechanism, a lever and pivot mechanism, and finally a wheel mechanism. - I can apply my knowledge and understanding to design and make a moving mini-beast picture for an author who is writing a new book about mini-beasts. - I can join appropriately for different materials and situations e.g. glue, tape, - I can mark out materials to be cut using a template - I can say what I like and do not like about items that I have made and attempt to say why - I can talk about my designs as they develop and identify good and bad points - I can talk about any changes made during the making process - I can discuss how closely my finished products meet my design criteria
Spring	Food – Healthy pizzas	Skelly bones	- I can develop a food vocabulary using taste, smell, texture and feel - I can identify and separate different types of familiar food products e.g. fruit, vegetables and bread - I can mix a range of ingredients - I can work safely and hygienically - I can understand the need for a variety of foods in a diet - I can understand the need for a healthy diet - I can measure and weigh food items using non statutory measures e.g. spoons, cups - I can say what I like and do not like about food items and use this to influence my design - I can talk about my designs as they develop and identify good and bad points - I can talk about any changes made during the making process - I can discuss how closely my finished products meet my design criteria - I can say what I like and do not like about items that I have made and attempt to say why
Summer	Structures – Free Standing A new play park for the summer	Seaside	- I can design purposeful, functional, appealing products for themselves and others to use based on design criteria - I can select from and use a range of tools and equipment to perform practical tasks - I can select from and use a wide range of materials and components, including construction materials, according to their characteristics - I can build structures, exploring how they can be made stronger, stiffer and more stable - I can join appropriately for different materials and situations e.g. glue, tape - I can mark out materials to be cut using a template - I can say what I like and do not like about items that I have made and attempt to say why - I can talk about my designs as they develop and identify good and bad points

Key Stage 1 – Cycle 2

Term	Focus	Topic Link (If needed)	Objectives
Autumn	Construction – Toy Vehicles	Superheroes	- I can make vehicles with construction kits which contain free running wheels - I can use a range of materials to create models with wheels and axles e.g. tubes, dowel, cotton reels - I can attach wheels to a chassis using an axle - I can join appropriately for different materials and situations e.g. glue, tape, - I can mark out materials to be cut using a template - I can say what I like and do not like about items that I have made and attempt to say why - I can talk about my designs as they develop and identify good and bad points - I can talk about any changes made during the making process - I can discuss how closely my finished products meet my design criteria
Spring	Food – Castle Healthy Picnic	Whizz, Bang, Pop - Castles	- I can develop a food vocabulary using taste, smell, texture and feel - I can group familiar food products e.g. fruit and vegetables - I can cut, peel, grate, chop and melt a range of ingredients - I can work safely and hygienically - I can understand the need for a variety of foods in a diet - I can measure and weigh food items, non-statutory measures e.g. spoons, cups and begin to use standard units of measure. - I can say what I like and do not like about items that I have made and attempt to say why - I can talk about my designs as they develop and identify good and bad points • I can talk about any changes made during the making process - I can discuss how closely my finished products meet my design criteria
Summer	Textiles – Animal Puppets	Rumble in the Jungle	- I can colour and decorate fabrics using a range of techniques e.g. fabric paints, printing, painting - I can cut out shapes which have been created by drawing round a template onto the fabric - I can join fabrics by using a neat running stitch, glue, staples, over sewing, tape - I can decorate fabrics with buttons, beads, sequins, braids, ribbons - I can say what I like and do not like about items that I have made and attempt to say why - I can talk about my designs as they develop and identify good and bad points - I can talk about any changes made during the making process - I can discuss how closely my finished products meet my design criteria