

Hethersett VC Primary School Curriculum Map for DT 2023 – 2024

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
R	Junk modelling (class) Children will be looking at how structures are created and the best techniques for joining materials together.			Healthy soup (class) Children use a story to help them start thinking about healthy eating and seasonal products, learning the skills they need to create a delicious and nutritious soup!		Boats (class) Linked to discussions in science and topic work, children create boats out of reusable materials, thinking carefully about the properties of a boat.
1	Jam Sandwiches (class) covered through English <i>select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</i>			Windmills (RCh) Inspired by the song, 'Mouse in a windmill', design and construct a windmill for a client (mouse) to live in. Explore various types of windmill, how they work and their key features.		Fruit and vegetables (class) Learn to distinguish between fruit and vegetables and where they grow. Design a fruit and vegetable smoothie and accompanying packaging.
2				Designing a healthy wrap (class) A balanced Diet - Learn about the food groups (carbohydrates, proteins, fruits and vegetables, dairy, oils and spreads) to understand a balanced diet to develop a healthy wrap.	Moving monsters (RCh) Explore levers, linkages and pivots through existing products and experimentation, use this research to construct and assemble a moving monster.	
3	Puppets (RCh) Learn and apply new sewing technique. Utilise these new skills to design and make a puppet.				Digital world – electronic charm (class) After researching existing products, children plan, programme and evaluate a new wearable light using the micro:bits.	Eating seasonally (class) Creating a healthy and nutritious recipe for a savoury tart using seasonal ingredients
4	Treasure boxes (RCh) Identify and learn about the key features of a treasure box, before designing and making a treasure box				Adapting a recipe (biscuits) (class) Work in groups to adapt an existing biscuit recipe, whilst taking into account the cost of the ingredients and other expenses against a set budget. Digital world – mindful moments timer (class) After evaluating existing products, children consider how a micro:bit could be used to create a timer.	
5		Pop up books (RCh) To design, make and evaluate a pop-up book, using layers and spacers, for Year 1 pupils.			Digital world – monitoring devices (class) Understand and create their own monitoring device around animals and discuss how to debug other programmes.	What could be healthier? (class) Adapting a traditional recipe, understanding that the nutritional value of a recipe alters if you remove substitute or add additional ingredients.
6		Dip In (class) Research a recipe to make salsa and guacamole. Make, taste and evaluate the recipe then adapt. Incorporates chopping skills.	Playgrounds (RCh) Investigate different styles of children's playgrounds			Digital world – navigating the world (class) Explore fitting a brief and using and debugging CAD software in order to match a client brief.

Mechanical systems	Digital World	Cooking and nutrition
Textiles	Electrical systems	Structures