



Monkston Primary School

DT Vocabulary Spine



Children with a rich, varied vocabulary succeed in their education and beyond; therefore, developing learners with excellent language skills is the cornerstone to our curriculum. We recognise that children's vocabulary requires context, so our vocabulary spine is closely aligned with our curriculum and is composed mainly of tier 2 and tier 3 vocabulary as outlined by their definitions below. Tier 1 vocabulary is developed through everyday talk and conversation, as well as in the pupils' home life. The table explains in which year group the word or terminology is introduced, but in most cases, the vocabulary will be revisited regularly as pupils move through the school. The list is by no means exhaustive; pupils will encounter many more tier 2 and tier 3 vocabulary in their lessons, but these are the words that we expect children to know by the time they leave Monkston.

- **Tier 1 Vocabulary** consists of high frequency words, most commonly used in spoken language, which do not typically have multiple meanings. These can be basic nouns such as 'house', 'dog', and 'phone', which learners come across in normal everyday conversation. In most cases, learners will have already acquired this basic level of language prior to starting school and they can continue to develop their tier 1 vocabulary on a day-to-day basis when communicating with their peers and teachers, in tandem with their formal learning.
- **Tier 2 vocabulary** is also high in frequency but is predominantly used in written language. Examples include words such as, 'analyse', 'context' and 'sufficient'. More complex, nuanced and academic in nature, Tier 2 vocabulary is not subject specific; it can have multiple meanings and requires a much higher degree of literacy for learners to comprehend.
- **Tier 3 vocabulary** is low frequency, subject-specific language that is used only in reference to particular concepts, topics and processes. Tier 3 language requires learners to possess a certain level of subject knowledge in order to understand the specific terminology in question: for example, 'hypotenuse', 'tectonic' or 'photosynthesis'. It is the language used by subject specialists when discussing their field, such as historians, artists, scientists, and engineers, and it is the specific vocabulary used in the classroom to teach these subjects.

Key Stage 1

Year 1	Autumn	Spring	Summer
	<p style="text-align: center;">Cook: Jam Tarts and Dips</p> <p>sweet nutrients savoury vegetable cook fruit bake chop raw chopping board pastry recipe season preserve</p>	<p style="text-align: center;">Sew: Sock Puppets</p> <p>design user function appearance feature materials properties</p>	<p style="text-align: center;">Build: Moving Vehicles</p> <p>vehicle axle transport axle holder car body truck chassis lorry label bus diagram purpose user wheel</p>
Year 2	Autumn	Spring	Summer
	<p style="text-align: center;">Cook: Pizza and Gingerbread</p> <p>homemade processed dough knead passata slice spice ginger transport</p>	<p style="text-align: center;">Sew: Pencil Cases</p> <p>running stitch thread feature stitch seam materials suitable sew fastening fabric needle</p>	<p style="text-align: center;">Build: Moving Pictures</p> <p>mechanism bridge lever motion pivot/fulcrum linear motion bar oscillating motion force/effort mock-up load shaduf slider slot</p>

Lower Key Stage 2

Year 3	Autumn	Spring	Summer
	<p style="text-align: center;">Sew: Keyring</p> <p style="text-align: center;">aesthetic backstitch natural synthetic felt</p>	<p style="text-align: center;">Build: Pop-up Books</p> <p style="text-align: center;">stiff bridge design materials user purpose/function</p>	<p style="text-align: center;">Cook: Pasta Bake and Bread and Butter</p> <p style="text-align: center;">pasta yeast boil churn vegetable yoghurt tinned rise peel/peeler dairy wheat cream grain butter flour wholemeal</p>
Year 4	Autumn	Spring	Summer
	<p style="text-align: center;">Sew: Cushions</p> <p style="text-align: center;">decoration fray appliqué hem embroidery overcast/whipstitch leather canvas cotton plait cord woven</p>	<p style="text-align: center;">Build: Moving Playground</p> <p style="text-align: center;">mechanism gearing up/down component sprocket wheel stable gear vertical/horizontal teeth electrical circuit interlock bulb drive/driven gear buzzer motion wires motion transfer battery</p>	<p style="text-align: center;">Cook: Apple Crumble and Ratatouille</p> <p style="text-align: center;">crumble ratatouille dessert stew variety couscous orchard cooking apples vitamins seasonality local</p>

Upper Key Stage 2

Year 5	Autumn	Spring	Summer
	Build: Cam Toys mechanism component cam slider camshaft rotary motion linear motion cross-section diagram cam profile eccentric cam	Cook: Pitta Bread and Honey Cake pitta flatbread wheat grain yeast leavened unleavened sweet sugar honey harvest beekeeper hive	Sew: Bags natural synthetic woven fray hem seam backstitch over/whipstitch user purpose function aesthetic
Year 6	Autumn	Spring	Summer
	Build: Water Walls mechanism component Archimedes' screw pulley wheel axle load effort groove prototype	Cook: Mezze mezze savoury recipe tzatziki baba ghanoush tabbouleh kofta seasoning herbs spices	Sew: Upcycled Fashion upcycle recycle waste pollution fast fashion globalisation sustainable appliqué embroidery pattern running stitch backstitch overcast stitch pinning