

Year 5 Design and Technology: Islamic prayer mats

Unit Vocabulary –

user	a person who uses something
purpose	the reason why something is done or created
design features	characteristics that meet an intended user and purpose
design brief	a document or set of instructions that outline what the purpose of the project is and what is required
design specification	a list of characteristics a product must have
functional properties	how something works
aesthetic properties	how something looks



Types of stitch we will look at –

blanket stitch	running stitch	chain stitch
can be used to hold two edges together, to neaten edges or just produce a decorative effect	use this for tacking seams and hems before sewing, joining two pieces of fabric together and also for decoration using coloured thread	decorative stitch

Designer focus:

Kamal Ali	
	<p>Kamal Ali is a Welsh designer, who founded the company behind the innovative prayer mat that was designed to help children and adults learn how to perform Salah – the daily prayer practised by Muslims. The prayer mats are now sold in over 25 countries across four continents, with hopes to drive sales in Australia and India over the next three years.</p> <p>Kamal set up the business after he noticed his son struggling with his praying technique. With a background in product design, Kamal set about creating a solution – a touch activated prayer mat teaching children the different positions in Salah including where to place their feet, knees, hands and head, as well as what to say during different positions in Salah including where to place their feet, knees, hands and head, as well as what to say during different positions. After two years of developing prototypes, Kamal launched his first product in 2018 to rave reviews. The success prompted My Salah Mat to develop an adult's version of the mat shortly after, following thousands of requests in light of the product's spike in popularity on social media.</p>