TERM 1A		TERM 1B	3 TERM 2	TERM 3A	TERM 3B	
MECHANISMS (cams)				Food (celebrating culture and seasonality – include		ality – including cooking and nutrition)
DT WEEK – MAK Key knowledge					Key knowledge	Key knowledge
To know offset cams can provide rotary and up and down	Key skills To be able to measure, cut and glue accurately and independently				To know the available foods in Ancient Egyptian times.	To be able to use claw and bridge hold grip independently and
movements, including eccentric cams, drop/snail cams, pear	using standard units.				To know the available loods in Ancient Egyptian times.	efficiently when using knives.
cams.	using standard units.				To know that avocado, yogurt, sour cream and tomatoes are	emciently when using knives.
Callis.	To be able to choose an appropriate (best fit) cam.				sensible base ingredients for a dip.	To be able to measure ingredients accurately using standard units.
To know cams turn rotational movement into linear movement.	To be able to choose an appropriate (best iit) cam.				sensible base ingredients for a dip.	To be able to measure ingredients accordingly asing standard units.
To know the 8 steps of the design process and how to apply them	To be able to measure and saw dowel safely and independently.				To know the 8 steps of the design process and how to apply them to the desired outcome.	To be able to use a variety of utensils such as graters, chopping boards, mixing bowls, and juicers safely and effectively.
to the desired outcome.	To be able to use a glue gun independently to secure cams and rods.					To be able to prepare food hygienically.
	To be able to work collaboratively in a pair.					To be able to create a clear and comprehensive written evaluation, which comments on multiple aspects of the design process with
一 安建一	To be able to write clear and comprehensive written evaluation					justifications relating back to the user.
T a gt	which comments on multiple aspects of the design process with					
	justifications relating back to the user.					
Enquiry/question/outcome/activity/genre of unit/text						1
					Enquiry/question/outcome/activity/genre of unit/text	
To design and make a moving cam toy.					Enquiry/question/outcome/activity/genre of unit/text To design, prepare and make a dip that would be suitable for ancient	Egyptians.
						Egyptians.
To design and make a moving cam toy. Key vocabulary (tier 2)	Key vocabulary (tier 3)					Egyptians. Key vocabulary (tier 3)
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective	aesthetically pleasing				To design, prepare and make a dip that would be suitable for ancient Key vocabulary (tier 2) avocado	Key vocabulary (tier 3) aioli
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable	aesthetically pleasing cams (drop, pear, eccentric)				To design, prepare and make a dip that would be suitable for ancient Key vocabulary (tier 2) avocado balanced	Key vocabulary (tier 3) aioli guacamole
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable follower	aesthetically pleasing cams (drop, pear, eccentric) crank				To design, prepare and make a dip that would be suitable for ancient Key vocabulary (tier 2) avocado balanced chop	Key vocabulary (tier 3) aioli guacamole salsa
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable follower interactive	aesthetically pleasing cams (drop, pear, eccentric) crank iterative				To design, prepare and make a dip that would be suitable for ancient Key vocabulary (tier 2) avocado balanced chop chopping board	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable follower interactive materials	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement				To design, prepare and make a dip that would be suitable for ancient Key vocabulary (tier 2) avocado balanced chop	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable follower interactive	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism				To design, prepare and make a dip that would be suitable for ancient Key vocabulary (tier 2) avocado balanced chop chopping board	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism				Key vocabulary (tier 2) avocado balanced chop chopping board colander core	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
To design and make a moving cam toy. Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement slider	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod shaft				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut dice	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement slider storage	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod shaft				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut dice grate	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement slider storage sturdy	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod shaft				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut dice grate juice	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement slider storage sturdy up and down movement user-centred	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod shaft				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut dice grate juice juicer	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement slider storage sturdy up and down movement	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod shaft				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut dice grate juice juicer mix	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement slider storage sturdy up and down movement user-centred	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod shaft				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut dice grate juice juicer mix nutrition outer leaf	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
Key vocabulary (tier 2) cost effective durable follower interactive materials mechanical movement slider storage sturdy up and down movement user-centred	aesthetically pleasing cams (drop, pear, eccentric) crank iterative linear movement mechanism push rod shaft				Key vocabulary (tier 2) avocado balanced chop chopping board colander core cut dice grate juice juicer mix nutrition outer leaf peel	Key vocabulary (tier 3) aioli guacamole salsa serrated edged knife sour cream and chive taramasalata
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