



Castle Hill Primary School Knowledge Organisers		Year 6 Summer 1 Imagine	
purpose	How the product helps us.	refinement	Editing your product to make it better.
rotary motion	Movement going round and round.	product	The finished outcome.
mechanism	Many parts working together in a machine.	motion	Movement (energy)
criteria	A series of points you need to meet in order for something to be successful.	follower	The part which rises and falls because of the cams.
specification	A detailed description of the design.	diagram	A drawing to help you to understand your design.
pulley	A flat and circular disc with a groove on its edge and a rope.	triangle	The strongest shape (three points-pressure shared).
gear	This is a mechanical component that transmits rotary motion and power from one shaft to another.	jinx frame	A frame which joins perpendicular angles using card triangles for strength.
make	To put your design together.	Telutong wood	A type of wood used in construction.
user	The person/thing that uses the product.	lever	A bar with a pivot in order to move something.
design	A plan of how something could go.	linear Motion	Movement in a line.
axle	A rotating shaft.	evaluate	To see how well your product has turned out.
cams	This is a rotating or sliding piece in a mechanism, used especially in transforming rotary motion into linear motion.		

