



Structures

Year 6 Summer Term

Design Technology

What I already know?	
•	I have design and created my own mechanism including wheels, axels, levers, cams, gears and pulleys.
•	I have designed and built structures including wooden frames and digital structures.
•	I have created an electrical circuit and found ways of joining materials together

Vocabulary	
Structures	a building or other object constructed from several parts.
Product design	The process of imagining and creating products that solve users' problems or address specific needs
Investigate	carry out research or study
Evaluate	form an idea of the amount, number, or value of; assess
Effectiveness	the degree to which something is successful in producing a desired result; success
Purposefulness	the fact of having a useful purpose; behaviour that shows a clear aim and determination.
Adapting	make (something) suitable for a new use or purpose; modify.

Key Knowledge

I will investigate existing products and evaluate their effectiveness and purposefulness.

I will design my own product- making an improvement or changing this original product idea.

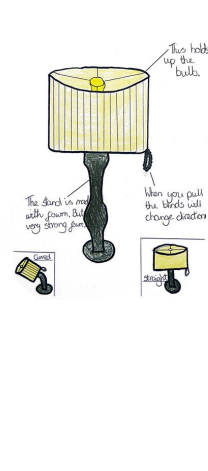
I will create my own product using skills I have previously learnt in other years such as mechanisms, joining, sewing ect.



An invention by: Heley Hughes
 Age: 12 Date: 4/11/15
 The name of my invention is: Tooth-paste

you put your toothpaste inside the hatch and when you push the button it ~~presses~~ presses the tooth paste up the tube and out onto the Brush. I think people who are in a rush might use it.

INVENTORS!





An invention by: Laura Amir
 Age: 11 Date: 6/11/15
 The name of my invention is: Steady Lamp

This invention is called the steady lamp. It is used for when the chandelier switch - which some towns breaks and you can replace - see blinds! So when you pull the blinds the plastic blinds will turn different directions. This invention is aimed at ageing at all ages. It's not bright and colorful so it's not childish and not to grownup.



Connecting Concepts

Design:  function, inspiration, innovation	<i>I will design my own product using ideas from an existing product.</i>	Practical Knowledge 	<i>I will use skills that I have previously practised to create my own product.</i>
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