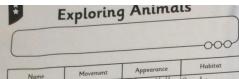


Autumn 2 2021

Class Lynher



	Movement	Appearance	Habitat
Name Sea turtle	They use there	to 2 sliper and a tail is a mail.	Cotal heals.
	Event the vator.	Dlake with	Pola estos.
Adéleie penguin	thrusting throat		
Bottlenose dolphin	UP and Sown Swift norment.	glay Calerd,	(Jahn Seas
Giant panda	Slow and Stedy doside mayment,	Black and wight Sury and flufy and worm blooked.	bambo forests
Orangutan	Swing busty morment Like	Orge fury with a dark face	Rain fotost.
engal tiger	1	chage winth Hock Stipes and right ader	I again gloss plans areas,
ack rhino	show or fock deports		Agrica.

	The second secon
twinkl planit	Design and Technology UKS2 Automata Animals Amazing Animals Lesson
twinkt en ak	

Name	Movement	Appearance	Habitat
Sea turtle	They are introlly on the open most their light in the open city than the open city them	could Higher despite of	Signal caper, Notice
déleie penguin	They can well in the occur and weddle chant on add ground		East anterchie
ottlenose dolphin	thou are very sost received up and up and	Size: 8-1281 They look like delphon I	Worn lipica courts Pargue, Atholic and Indian occurs
ant panda	the cel	log live black and White gard 275 powers.	China Foreg
ingutan		They look like ups	Rangement conopy Indones Sundan
gal tiger	and are my queh	stage.	Jaly 01.
	Africa record can be against the second	20 phants 2 harris	ladern and southern



	Movement	Appearance	Habitat
Name Sea turtle	glide in water. Shuffles on land.	Togh and hard shell.	Mainly live in the see but books hotched on land.
Adéleie penguin	chegant.	White and black feathers but can't fly and very soft	at Intertic in the see and land
Bottlenose dolphin	flaps their tale and glides.	Smooth shin. White belly grey body.	ergland in the water Several different types.
Giant panda	Slow and fast,	back and white spots and lots of hair.	
Orangutan	swing on trees quickly.	looks like human with ginga futc.	In the trees un barneo.
Bengal tiger	quick eligant and Egrecive	black striper and orange fure.	Rainforest china
Black rhino	first, heavy and stomps.	Togh skin and huge horns	A frica.



Name	Movement	Appearance	Habitat
Sea turtle	They make by mother than the first in ditterent direction	They have pottern on their Shire in down	They take in hot water and the pusitic
Adéleie penguin	They woodle with dists.	They have back back Eaces and White turning	They like in
Bottlenose dolphin	They move by the momentons of they tale.	grey with a thirt nose.	They like in hot waters and ingroups
Giant panda	They pauls lift up and they spring.	Block and white	In tropleal forests.
Orangutan	spring and they less from trees.	is 1514 Yours and chesnut cholour	In indoreasia
Bengal tiger	Treetmore by lapping until their pours.	are stripey	indeprosia
Black rhino	More by More bucy.	ing they have to they are black.	In Artica

To begin our unit, we looked at how different animals moved in the wild.

We had to use our computing searching skills to help us in DT.

We looked at the mechanism of a cam and identified the different parts and what they do. We looked at examples of them being used in real life.

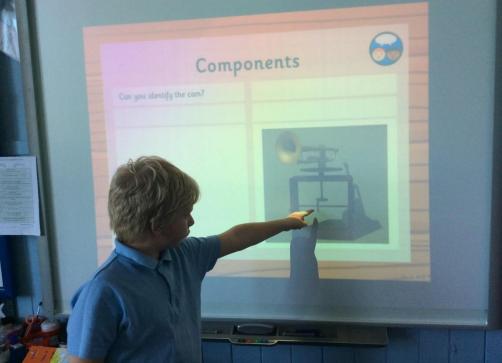
Components
Can you identify the cam?
Can you identify the follower?

It was interesting how the different cams made the items move in

To move the object up and down the cam pushed a follower.

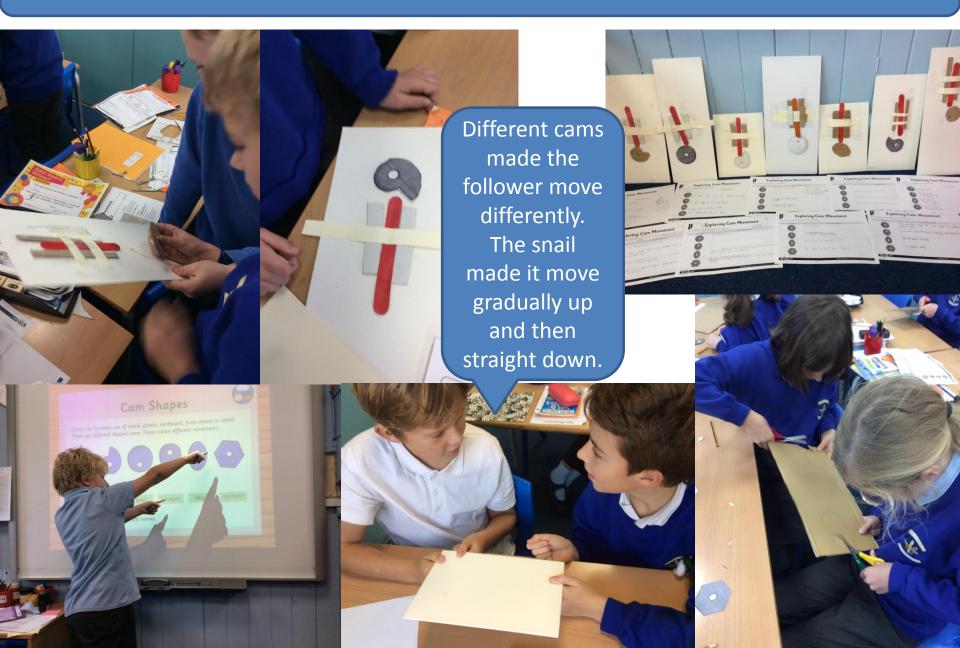
You turned the handle which turned the cam which moved the follower to move the object.

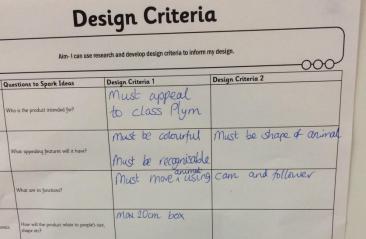
different ways.



We made prototypes of different cams to see how they changed the movement of the follower.

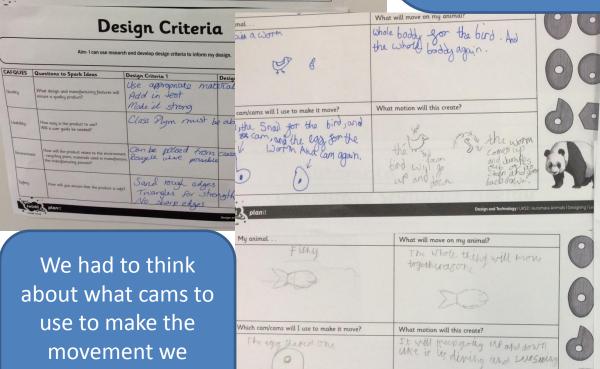
We then linked this back to the movements of the animals we looked at in our first lesson.

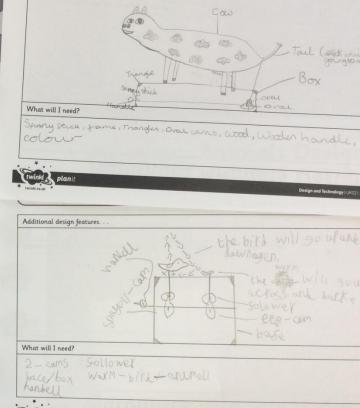




wanted.

First we developed our design criteria as a class, working out what we wanted from our product. Then we made our design ideas based on these. Finally we looked at those produced in our group and chose the one we thought best matched the criteria.







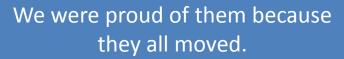




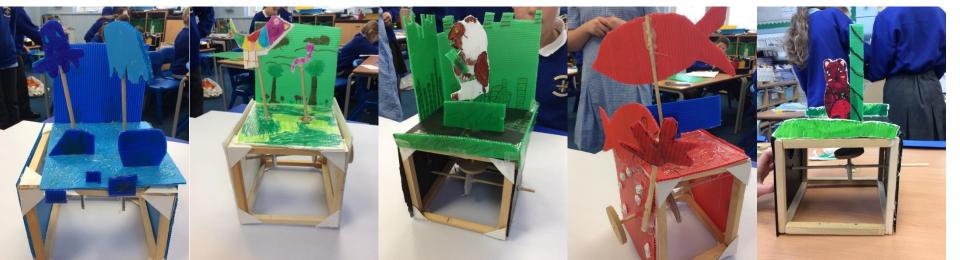




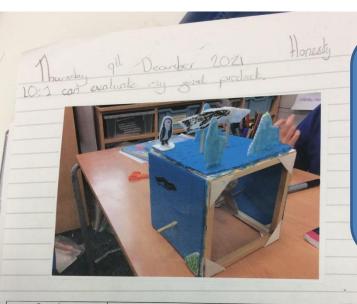
Our finished designs!





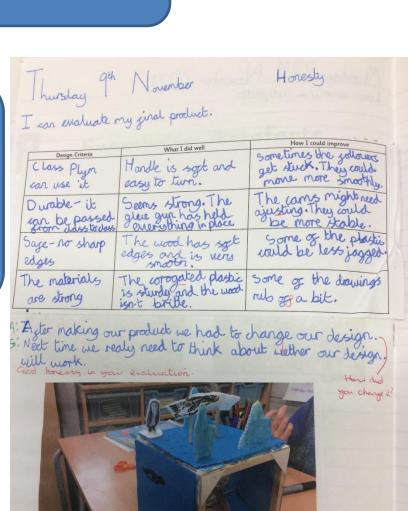


We evaluated our designs against our design criteria. We used our honesty to say what we had done well and what we can improve.



We didn't always get the right movement and had to work out how to stabilise them.

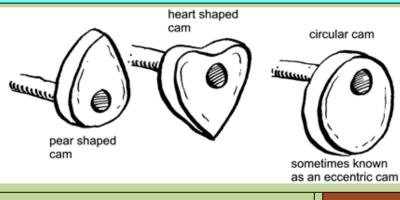
	Design Criteria	What I did well	How I could improve
	How well it works!	The gollowers successed gollow the corre and	Orrales star cult 1
	le you can work it easily/useability	The handle is easy	Sorrelines line cams and
(class Ply appropriated	S que ensu o underson 15 o surale sprie pengus	rake sure 1 willar il
1	suipment	Think we have used	We could hope used
A	: 1 h /	tracture study some Coolean	Some de le section de la section de la sit motifica
20	anish my pral	nonesty to excelude	my ginal product

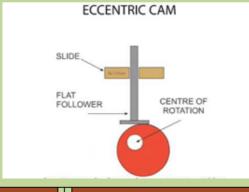


Design and Technology

FLE Y5/6

Automata Animal





What we have learnt before:

I know what different materials are good for

I can use a range of tools

Forever facts

Cams produce different movements depending on their shape

I know that triangles on corners can help to strengthen something

Different materials and tools are suited for different jobs. E.g. stiffer cardboard is used to keep a shape

Skills

I can measure, mark out and cut accurately

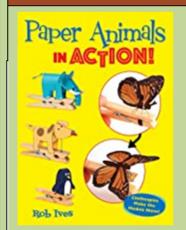
I can draw on different sources of information for the design

I can carefully finish a product

I can work safely

I can use a wide range of tools

Exciting Books



Our Endpoint

I can make <u>an</u> <u>automata</u> animal

Subject Specific Vocabulary

rotary into linear motion
a system of parts working together in a machine
a structure that directs the motion of something
the component which follows the movement of the cam
a part of a machine
the precise goals that a project must achieve in order to be successful
having a purpose or task
the appearance of something

Cultural Capital

Jobs for the future could be: engineer, mechanic, problem

solver.