### **Design and Technology Portfolio**

St Martin's Catholic Primary School

#### **Autumn Term**

Moving

#### EYFS Moving



Bend



Cut







Year 1 Design and make a moving picture









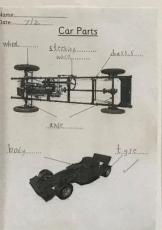








## Design and make a moving vehicle



Car Parts

Chassis.

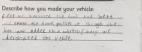
Name:...







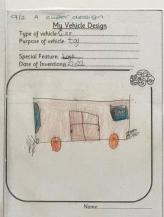




# Vehicle Design Evaluation Type of vehicle to be walking campa hyd. Are you happy with 11? listed age. What do you like the most about your vehicle? the logo. Does it work? MG. How do you know? The acte wast the care and she was wheel (s. What would you change about 11? I would exceed to have coller she in the care and she was wheel (s.

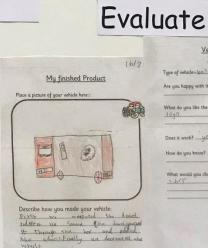
#### Design







Make







# Year 2 Design and make a vehicle

#### Measure and saw



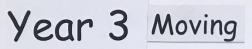








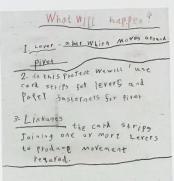




Make

Design and make a moving mechanism





result 0000000000000

we used a matrial that was reachy heighful it was called a split pin.

What I'm Proud of:

\* The way I put the Split

1 the way I decorated · beautiful coulring



Levels and Design ideas Linkages .

) esigner





besigner

Things I am proud of the way I decorated my hand my cutting skills Beautiful Colouring

Lever-a bat which moves around a pivot. In this project we will use card strips for levers and paper fastener for pivots.

Linage- the card striks johing one on more Leversto produce movement required



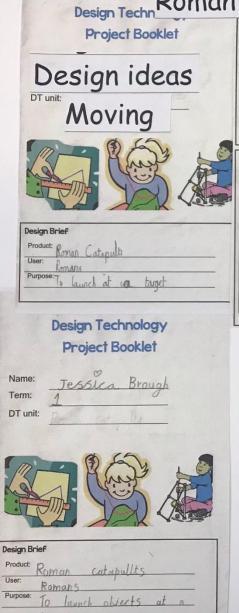
if one of you go on by



Evaluate

Year 4 Design and make a

Roman catapult

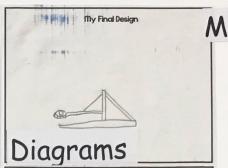




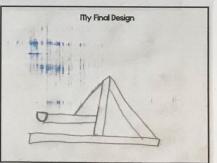
Design ideas				
Design Idea 1 (realistic)	Design Idea 2 (as imaginative as possible!)			
	00			



Design Idea 1 (realistic)	Design Idea 2 (as imaginative as possible!)
	Qn )
	i galanti
	9 10

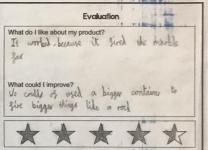


Materials	Equipment / Tools
Omn wooden Invel 10 mm Wooden Dowel Bottle cap Fin Rubber band Paper Clark of the Sticks	· Tape moure . Sam · Glis gun

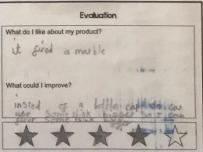


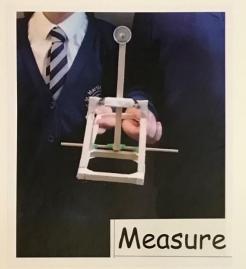
Materials	Equipment / Tools
10mm vooden Devel 10mm vooden Square rod . Square bottle cap: poper Pin. Carol. Rubber band carol. d Glue Sticks	Tape measure Saw et Glue grun.











Design and make a Roman catapult



Wood





Saw



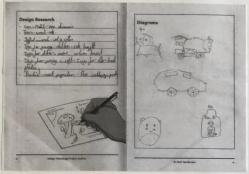


Cut



#### Design and make a moving toy

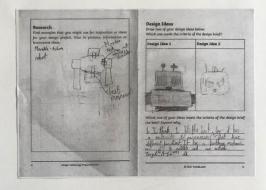


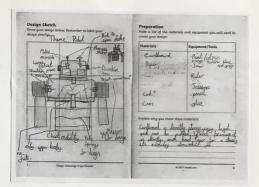


#### Design research



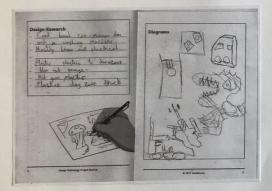
#### Design ideas





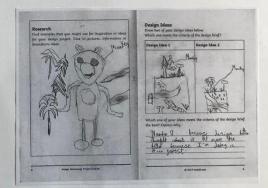
#### Preparation





Diagrams

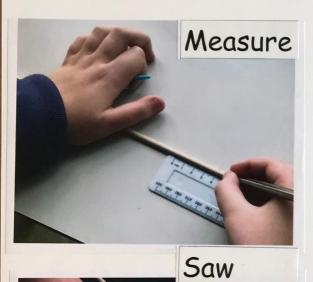
#### Design sketch



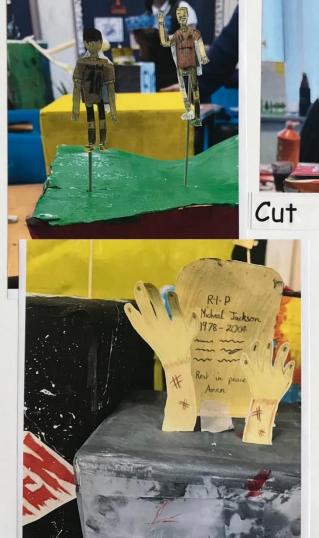


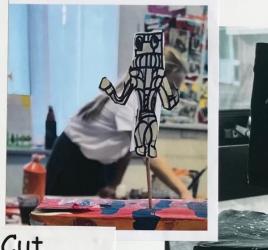
Materials and tools

# Design and make a moving toy



Wood





Paint



Design and make a moving bridge

#### Design







Measure









Hydraulics



Cut









## Spring Term

Products

#### EYFS

# Design and make a pirate ship at home















EYFS Design and make a pirate treasure chest at home









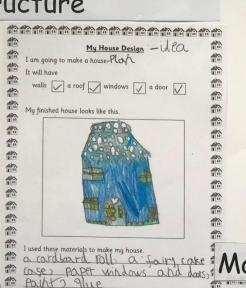








#### Design and make a structure



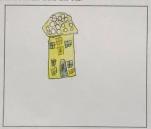
I like my house. I do not like my house.

My House Design \_ Ldes I am going to make a house. - Plan

walls J a roof windows V a door

My finished house looks like this.

Design



I used these materials to make my house. a caldboald folly a fally conke case Paper windows and books Point 91,00 I like my house. / I do not like my house.

My House Design - 1 I am going to make a house. - plan walls  $\sqrt{\phantom{a}}$  a roof  $\sqrt{\phantom{a}}$  windows  $\sqrt{\phantom{a}}$  a door  $\sqrt{\phantom{a}}$ 

My House Design - Laca

I am going to make a house. - plan

My finished house looks like this.

I used these materials to make my house.

I like my house. I do not like my house.

acardhoard rolling sairy cake

walls a roof windows a door

My finished house looks like this.



I used these materials to make my house. acardboardrolls a fairy cake

case, paper windows and doors, paints glue

I like my house. / I do not like my house.

My House Design - Lded I am going to make a house. - PLQN walls / a roof / windows / a door / My finished house looks like this.

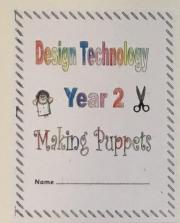
I used these materials to make my house casespaper Windows I like my house. 🗸 I do not like my house. 🗍

My House Design - id Pa I am going to make a house. - plan walls / a roof / windows / a door / My finished house looks like this.

I used these materials to make my house. a car departe holls a faity cases paper withdraws had I like my house. I I do not like my house.

Evaluate

# Design and make puppets









Make



What could I do to make my pupper better?

Troub do better respectively.

#### Design



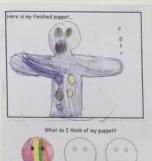


#### Sew the fabric





#### Evaluate





I think that I need to put langer here and sum does



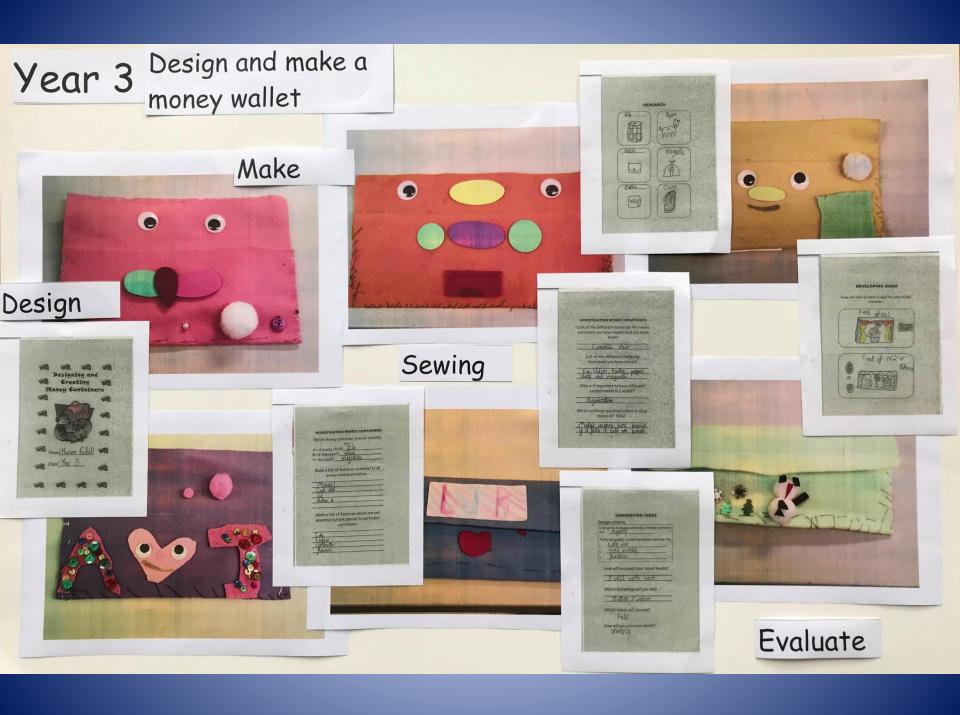












#### Design Technology Project Booklet

-	
Second Co.	Complete or the control of the control
CHA	IIINOE
1	/

#### Design Technology Project Booklet

Ja Aprel	
Seeme Critical	
	-4
1	/
	THE PERSON NAMED IN

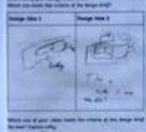
#### Products

Design sketch



#### Design Technology Project Booklet





E.M.	Dean	2 44.2	h.R.
12000	<b>MARK</b> 30	Carlo Ma	Translater.
156.0			
2000	_		

#### Make

Contige Mass this was of past maps that below still on costs the reference of the deeps weigh

Swige blee 3	Seege Non 2
0	

study on if you down texts for yours, if the event trip

-	-	-	-	-	-24	
de Mille	100	_	-		ш	

#### Design and make a torch

EU Day to the part product and the Europe St.

Delivery and all the sales of a country in the last the trapelate of the same of the or present a SAINGMENT

D) then to be per product that we have I made. Next the Parklad wide and the Dis determine that

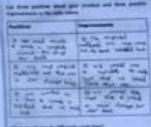
also below wheel have produced. the fire makes in what the resemble of the feel for product outboards the next ordinal broken in belong speed in

Delivered the special of

Market Straight of



#### Evaluate



that must be a different out the

and my it will got my



My Todaked Product

Design

Technology

Project Booklet



Particular	-
1	
2.2	-
The said park tipes	ny wat their

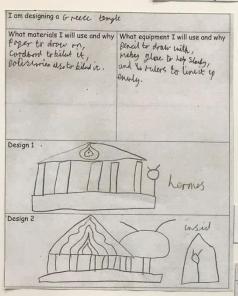
IN THE PERSON NAME AND ADDRESS OF THE PARTY.

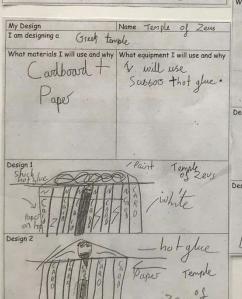
-	E	200	15	and.	-
			-		
		_			_

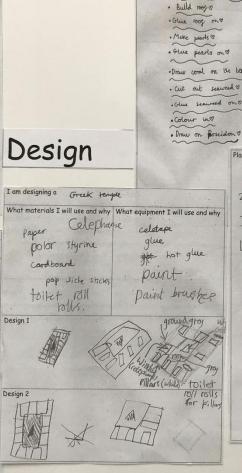
Note you have with four you product better me?



#### Design and make a Temple







1) Make the base of Strom as exsible out of carbonly 2) Make the pillors out of an entry ldiv roll. 3) Stilk pillors to the base. Plans - Step by step . Build base of 4) Make a siger · Get toilet rolls for pillars o 5) put the sizer in the middle . Glue pillars onto borsed 6) Make aroog · Build roop o 7) paper oll around 8) drow sigure on som trog 97 odd datals · Draw cord on the base of 10) Sinds croduct / sinal resut

#### Make

1) make the base

2) use toilet rells for collumns

3) Put the building in .

put roop on.

5) make everything white + cover up

6) drawagod on it.

#### Evaluate

Evaluations / Alterations and why you have done this? we change the columns to writed up paper because it gover the Temple a stronger

What would I do better next time? I would use different materials like clayto mold the shapes to wonth

Evaluations / Alterations and why you have done this? an alteration is that with with the curbood enoughing could stick to it and I did this Sto So I could make the ros -

What would I do better next time?

I would use stronger pager and normal tope not making mospins tope.

# Design and make a Temple









#### Summer Term

Food Technology



Food and nutrition Making fruit salad







We all helped to make a fruit salad. It was colourful and juicy. Some fruits were crunchy and others were soft. It smelled and tasted delicious!























Evaluate







Design and make a

Food Technology

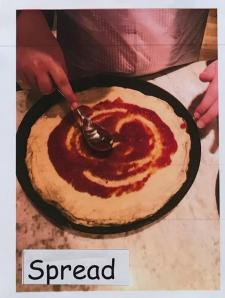
pizza

Design



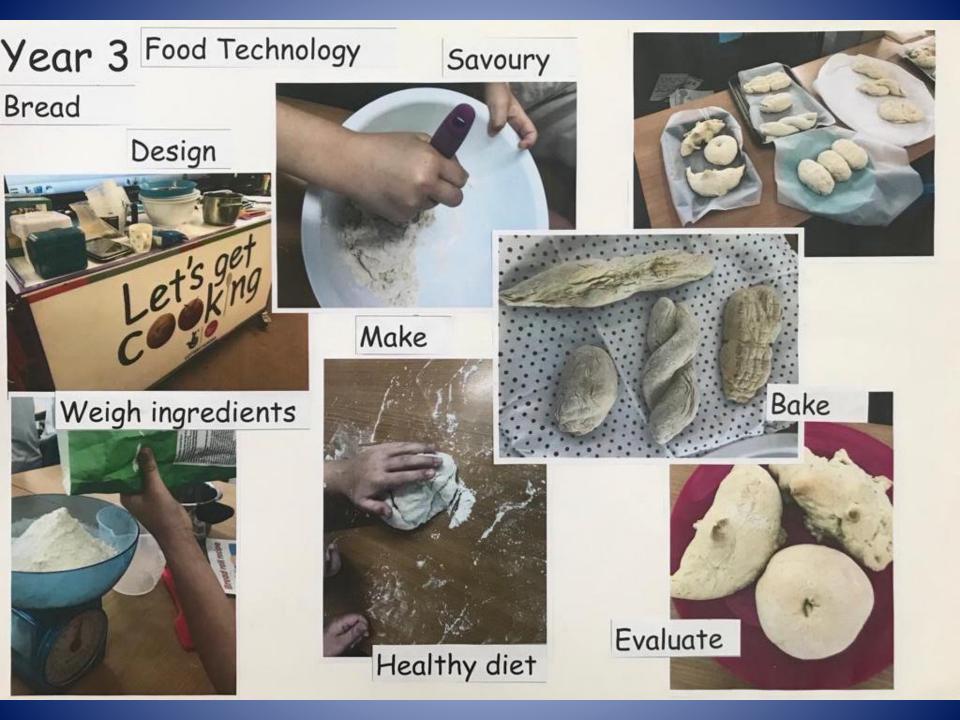


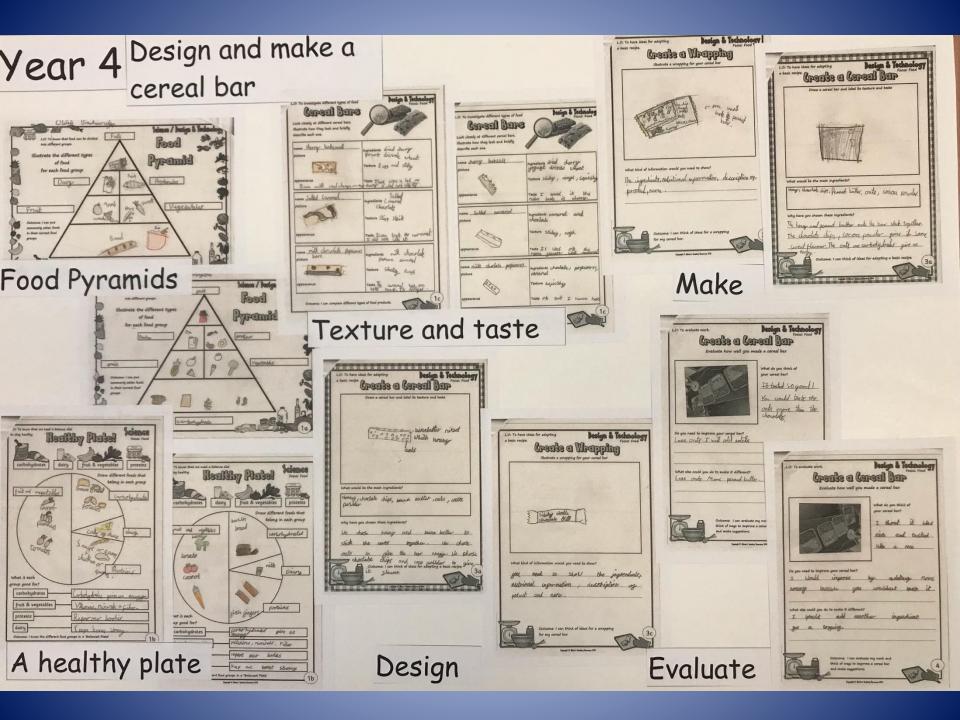












Design and make

Food Technology

fajitas

Wash hands









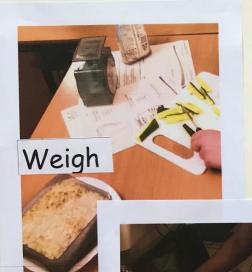




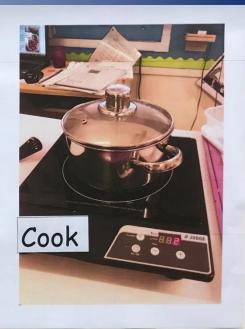
Design and make

Food Technology





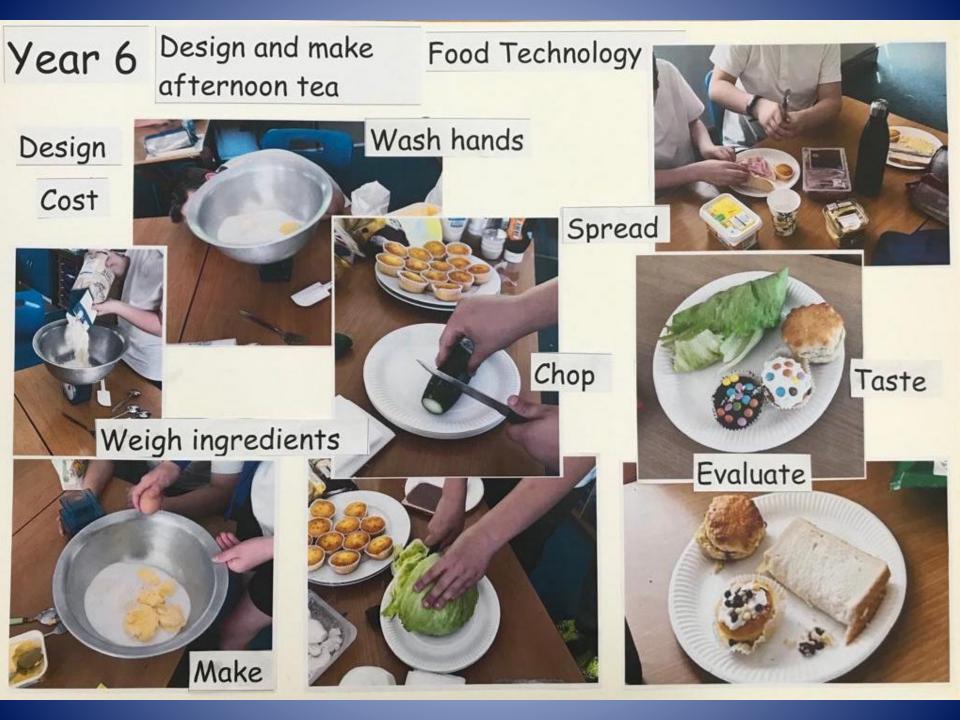








Evaluate



#### Extra curricular

Design Technology

# Design and make a picture frame



#### Design





Make







Design and make a moving book







Make

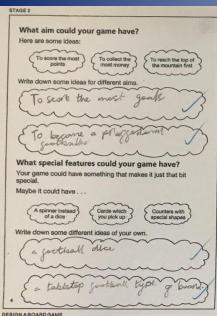
Design

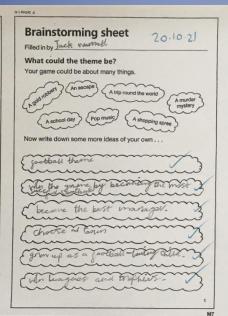




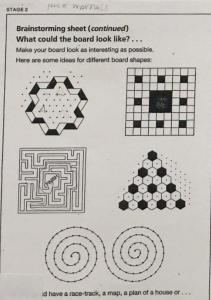
Evaluate







DESIGN A BOARD GAME C Shell Centre for Mathematical Education/Joint Ma



Use a separate sheet of paper if you need more room. Ask your teacher for lined or dotty paper if you need any. Strollum # 1. Goalie Lb m. Fleld LW

Now sketch some ideas of your own in the space below

20.10.21

Design and make a moving game

21.10.21

#### Design

GAME PLAN

Names Tack World and Issac Our game is called ... Pick your gootball career What you need in order to play . . . Stadling's and goatball die Gootball. what aged children What it's about ... you start ac Aims of the game ... to score the most youls and become the best in the World. progresional soutballer

How to start ... you note a goodbook die and is it lands on 3 for a demostration you age up 3 years Great set of rules

DESIGN A BOARD GAME

Shell Centre for Mathematical Education/Joint Matriculation Board 1987

Year 5

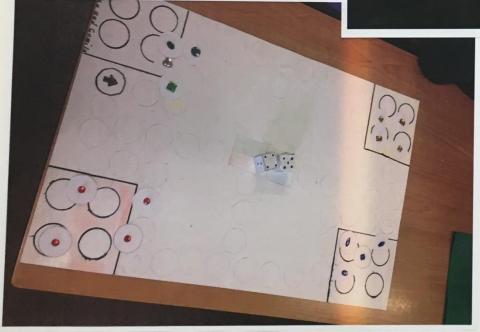
GAME

Design and make a board game

Make



Evaluate



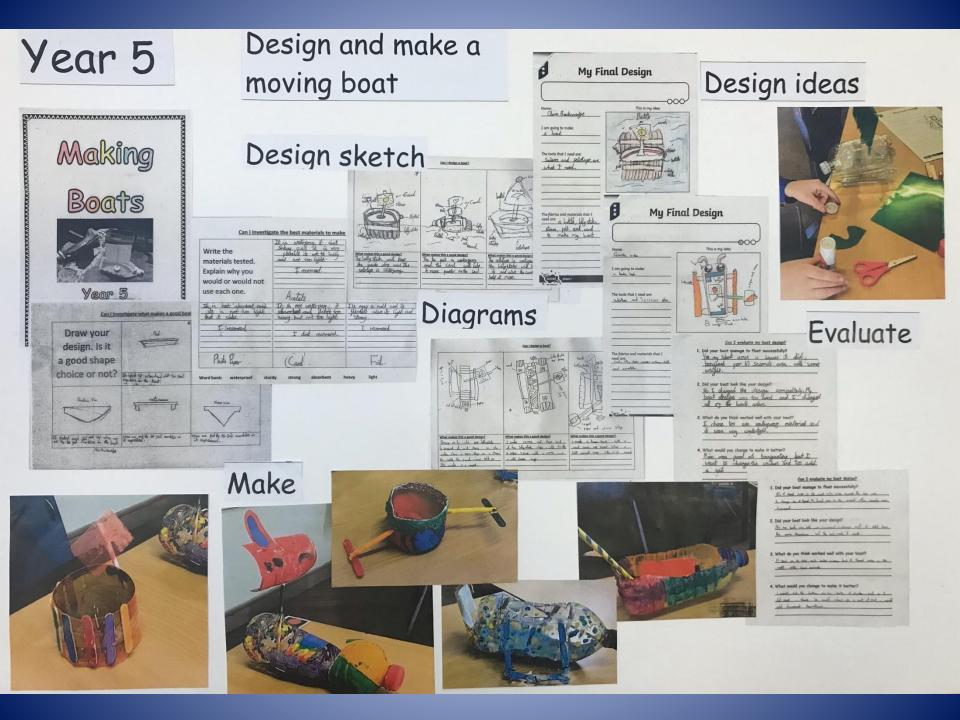


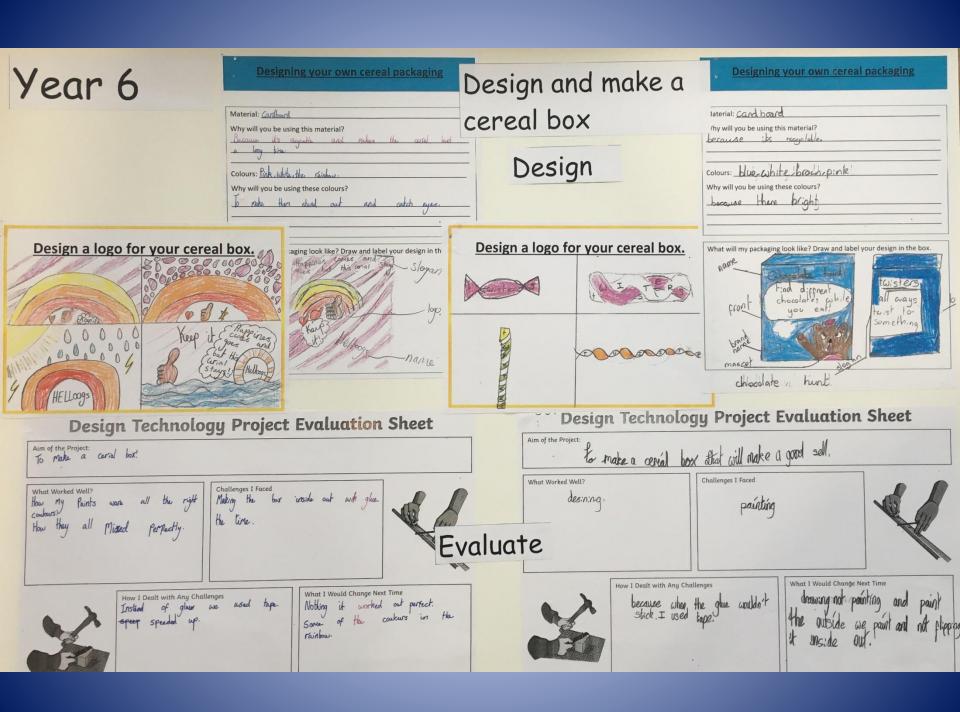




# Design and make a moving game







#### Make















