

# DT – Pirate Paddy's lunch box!



# Would a basket be good at transporting food between two boats ?






It has holes in it!

It doesn't have a lid!


### Evaluating the Basket

November 5<sup>th</sup> 2021  
I can evaluate a basket. Hannah

Problems		Positives
		
The seagulls can get into the basket.		The handle can hook on and easily slide down the rope.
The food can spill out of the top.		The basket is strong.
The rain can get in.		The basket is large.

### Evaluating the Basket

November 5<sup>th</sup> 2021  
I can evaluate a basket. Alsie

The food can spill out of the top.		The basket is strong.
The rain can get in.		The basket is large.
The seagulls can get into the basket.		The handle can hook on and easily slide down the rope.



# What would make a good lunchbox?



It's not waterproof and doesn't have a lid



This one has a zip, handles and enough space for lots of food



We could have a nice box with a lid and handles and then use containers inside so our food doesn't get squashed

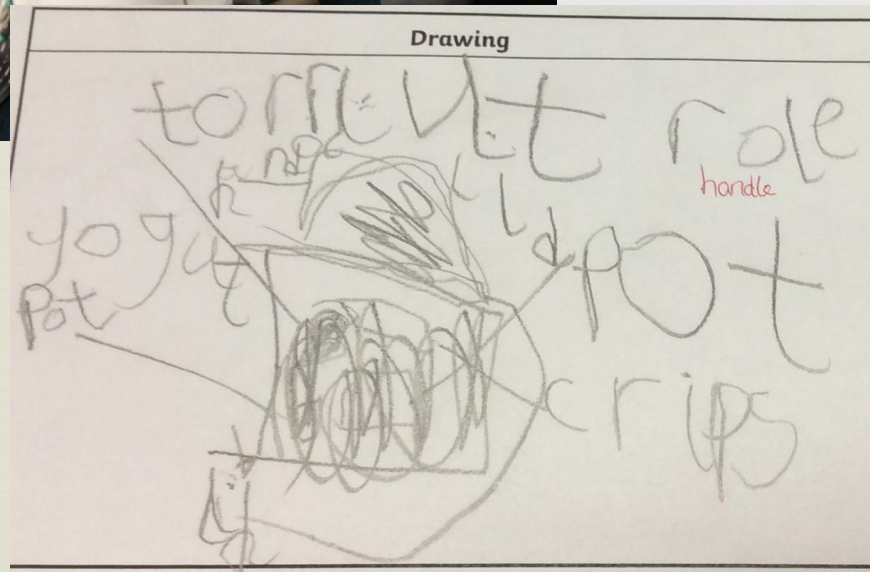
# Designing our own



Mine is going to have lots of containers inside for all the different food

A toilet roll tube would be good for carrot sticks!



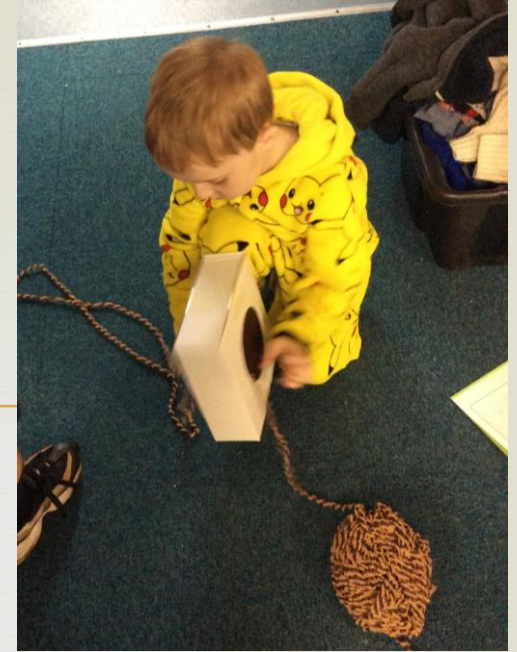
Drawing	Description
	<p>cardboard</p> <p>plastic</p> <p>"makes it stronger"</p>

Plastic is waterproof



# Making!

I am  
threading  
string for the  
handle



I'm using  
scissors to  
make holes so I  
can thread rope  
through

I am going to  
glue the  
containers  
down so they  
don't move





# Evaluating



Name	What is good.	What could be better
Thomas + Layton.	Handle, lid	Easier to open, add Containers.
Alfie + Harriet ✓	handle, container, lid	Get rid of hole
Sid + Molly	Handle, lid, Containers	Get rid of hole, stick containers in.
Finlee and Louie X	Lid, handle, lots of space, containers	Make it easier to open.
Clara + Hannah ✓	Handle, glued containers, lid	Put tape at front stop it opening - more containers.
Kira + Rubus. ✓	handle, lid, container	Decorate it.
Hugo + Jack ✓	Big handle threaded rope through holes. Easy to open, containers	



We tested them one by one and evaluated as a class  
– this meant everyone was involved.



Mine needs  
decorating.

# Amending..



Some of us had a few things that needed changing before the next testing.



I'm going to use  
tape to cover the  
hole so water  
doesn't get  
inside.

I threaded my  
handle through  
holes this time  
so I hope it  
stays on!



I added tape  
onto the lid to  
stop it  
flapping when  
it goes down  
the rope

# Re-testing

Louise + Finkle	Added a new handle. Tape to stop lid opening ✓	-in
Thomas Layton Clara Hannah	Improved by adding a handle and containers. ✓ more tape to keep the lid together. ✓	
Jack + Hugo	Decorated. ✓	
Kira + Rubus	Decorated. stronger handle. ✓	
Alfie + Harriet	more tape to cover holes. Decorated. ✓	wrap the lid closed.
Molly, Sidney, Michael	Tape to make it stronger and block holes. Decorated inside. ✓	

How did you make yours so strong?

We re-tested as a class again and re-evaluated. Thankfully the unsuccessful ones were successful this time so everyone's worked and the amendments did the job!







### Our Endpoint

A lunchbox that the children have designed made, evaluated and improved.

#### What we already know:

- Children know that we can join materials using things such as glue and cellotape.
- Children know that we can use tools such as scissors to cut materials.

#### Culture Capital

- How objects are created and the processes involved.
- Giving and receiving constructive criticism.
- Learning that things may not be perfect the first time and it is okay to change things.

#### Subject Specific Vocabulary

Evaluate	The process of deciding if you have done something the best way.
Material	What makes up an object: cardboard, glass, rock, fabric, plastic etc..
Design	A plan that is produced to show how something will look before it is made.
Join	To link or connect things.

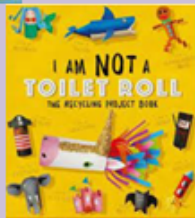
#### Forever Facts

I know how to join materials in a range of ways using things such as cellotape, masking tape, glue and threading.

I know how to follow a design to create an end product.

I know about materials that would be good to use for a lunchbox that have to be able to pass over the ocean - so they need to be waterproof and strong!

#### Exciting books



#### Skills

- I can evaluate existing products to see why they are good for their purpose.
- I can think about and plan what I am going to make, making decisions about materials that I will use.
- I can evaluate what is in front of me and make suggestions about how it could be improved.