

# Project

## DIY iPad Holder



# Imagine...

Imagine that your friend got a iPad for Christmas. They are environmentally friendly and love DIY Projects. You have created this amazing iPad Holder out of recycled items. How can you teach them to create their own.



# The Big Question:

**How can we teach another grade 3 student ( or your friend), to make an iPad holder made of recyclable items?**

**( DIY IPAD Holder)**

# What do we need to teach them about materials?

- Properties of materials ( how to choose what materials will work for your challenge? )
- How did you select the materials you used?

*( Make sure to include a list of materials. )*

# How did you apply the Engineering Process?

- 1- Talked about the problem
- 2- Brainstormed ideas
- 3- Planned
- 4- Build it
- 5- Test it ( what needed to be changed? )
- 6- Did your design succeed?

# How did you make your Ipad holder stronger and very stable?

What changes did you make to make sure that the Ipad Holder will be stable?

What changes did you make to make it stronger?

# If you don't have the same materials as us...

What can you use instead of the materials we used?

ex. If you don't have egg cartons?

If you don't have cardboard?

# Once you are done !

Make sure that your I-Trailer includes the following points ( in the form of text ) :



The names of the creators; The company name	
The Big Question	
How/Why did you select the materials you used? (explained using properties of materials)	
Each step of the Engineering Process ( Step 1 - 6)	
What part of the design makes your Ipad Holder strong and stable ?	
What can you use instead of the materials we used?	
Did you make <u>sure there are no spelling mistakes</u> ?	

# Self Reflection:

Each partner answer by themselves :

Name :

Please circle from 1 (lowest level) - 5(highest level)

How well can my I-Trailer teach another person how to make an iPad Holder? 1 2 3 4 5

I can explain how I choose the materials I used. 1 2 3 4 5

I can explain the engineering process. 1 2 3 4 5

I can explain how I made my design strong and stable. 1 2 3 4 5

How confident I feel about my ability to use I-Trailer. 1 2 3 4 5

If I could change one thing about the project, what would it be

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