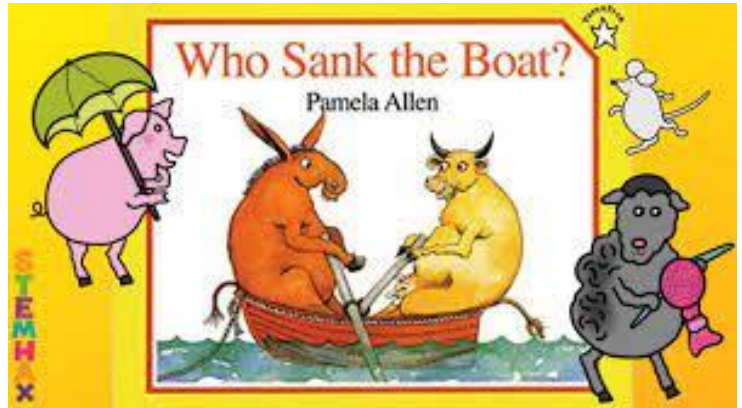


Bentleigh West Kindergarten Inc

HOME LEARNING – STEM Challenge



Who Sank the Boat Challenge!



What you need:

- Large sheet of foil
- Tub of water or you could do this in the bath or sink (you can tint the water blue with some food colouring)
- 20+ counters to measure with eg marbles, rocks, coins etc..
- Optional: small toy animals (pig, cow, donkey (or horse) and mouse)



Instructions:

- Read the book 'Who Sank the Boat' by Pamela Allen. If you don't own a copy watch it here <https://www.youtube.com/watch?v=5IKaQGX45jI>
- After reading the story make a boat only using one sheet of foil.
- Once it's finished test to see if it floats in a tub of water or even your bath.
- Make a guess how many counters you think your boat will hold before it sinks. Write down your answer or ask a parent to help.
- Using the counters see how many counters your boat will hold. Were you right?



Extensions (optional)

- Try making another boat out of foil, does it hold more or less?
- Draw a picture of your boat with the animals from the story in it
- If you have the animals from the story, try placing them in your boat.
Did it sink or float?
- Send us a photo of your boat and tell us how many counters you thought your boat would hold and how many it did hold.