

Spike's Object Activity

Theme; Floating

#SpikeDinosAdventures



FLOATING; Solomon Islands Canoe

Spike found this canoe that Julius Brenchley brought back from the Solomon Islands in 1873. He had visited the islands in the South Pacific, on board HM Curacao. Brenchley wrote in his diary, "Again we were met by many canoes, they are essential in an area made up of many islands, for transport, for fishing and for war."

Spike likes the idea of travelling somewhere by boat or canoe - as long as the water isn't too choppy!

Spike's floating facts;

As a boat floats in the water it pushes aside water making space for the boat. This is called displacement. The water then pushes back on the sides and bottom of the boat.

In the third century BCE, a Greek mathematician called Archimedes noticed how the water level in his bath rose as he immersed his body. The Archimedes principle states that if the weight of an object being placed in water is less than the weight of the water, the object will float. This is called buoyancy. Put simply, an object will sink if it weighs more than the same volume of water.

Activity; Make a boat that will float and hold one of your toys. Is your toy too heavy and making your boat sit low in the water? Share some pictures of your boat for Spike to see.



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