

Aeolus' "askos"

- ✓ Science.
- ✓ Art
- ✓ Engineering



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1st Activity: Rocket balloon



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1. On a table or chair, tie one side of the rope. Before connecting the other side, pass two straws. The cord should be taut and not loose.

2. On the front straw stick two pieces of paper tape.

1st Activity: Rocket balloon



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3. Could you plough up your balloon and close the spout with the peg? The balloon should be positioned so the tape is parallel to the rope. If tilted up or down, the balloon may stay in place, spinning around until it deflates or moves slowly.

4. Remove the peg and watch the balloon rocket launch!

What makes the balloon move?

The air is coming out of its spout.

On the second peg, also stick paper tape and prepare for the second launch!



How should we place the balloon so that it reaches the other side? Should the spout face be right or left?

In ancient times, they believed Aeolus was the winds' father. The myth says that he sealed the winds in a bag (like our balloon) and released them at the command of Zeus.

Aeolus taught the people how to use the sail of the ships.

What do you think he taught them?



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Engines power ships today. But in the old days, people moved their boats with oars. Legend has it that Aeolus taught them to use the energy of the wind to go wherever they wanted. They say he also taught them to make sails to hang on the ship's masts.

Try it yourself!



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2nd Activity

Materials

- ✓ one Straw
- ✓ one metal lid (e.g., from a jar of honey, mayonnaise, jam)
- ✓ Cardboard
- ✓ Paper tape
- ✓ one bowl of water
- ✓ Scissors
- ✓ Paper punch



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You are using paper tape to secure your straw in the centre from the metal lid.



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Fold a piece of paper, pierce it and put it through the straw.



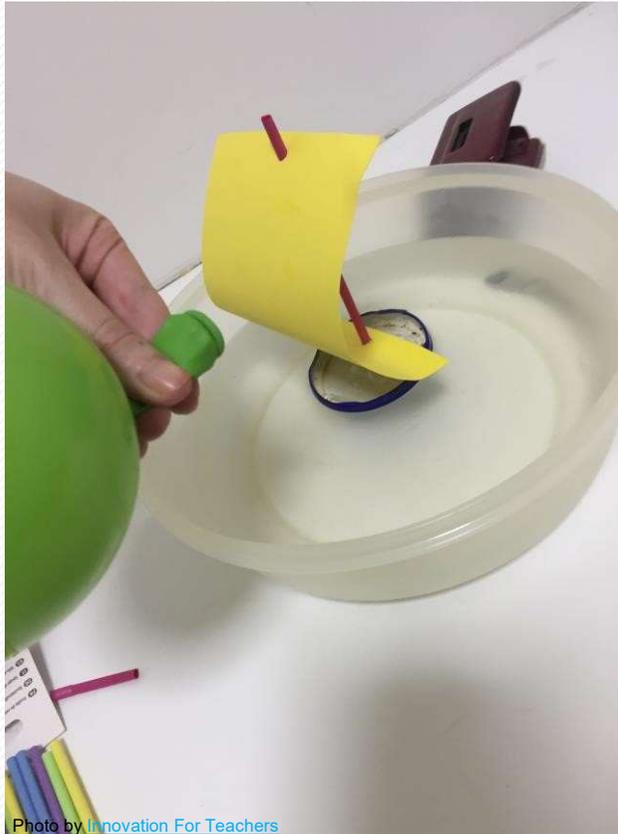


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Blow up a balloon and release the air into your ship.

- When does it move the fastest?
 - When it has a sail, or when it doesn't?
- Why is this happening?

In the same way, sailors use wind energy to travel. Wind power is named after Aeolus.



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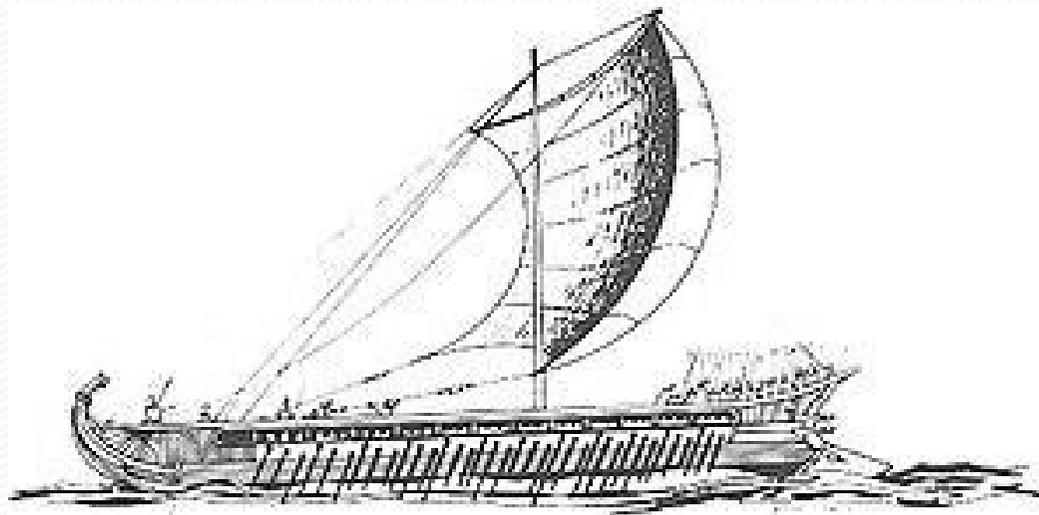


3rd Activity

*Odysseus is on the island of
Aeolus.*



Once upon a time, they say that a just and intelligent king, Odysseus, reigned in Ithaca. One day King Menelaus of Sparta asked him to fight by his side along with the other Greek Kings. They reached Troy, where they fought for ten years until they defeated the Trojans. Then the Greeks started the return journey. Most of them quickly went to their homelands. However, Odysseus and his army encountered difficulties on their way to Ithaca.





One day, on his long journey, Odysseus found the Aeolia, the land of Aeolus. Zeus, the leader of the Gods, has chosen Aeolus to guard the winds, enclosed in a pouch. Aeolus only left them when Zeus commanded him. In Aeolia, Odysseus and his army accommodated for a month. When they asked Aeolus for help to depart, he closed all the winds in a pouch and left only the uric Zephyrus to blow favourably for them. With the help of Zephyrus, Odysseus and his army arrived very close to Ithaca.

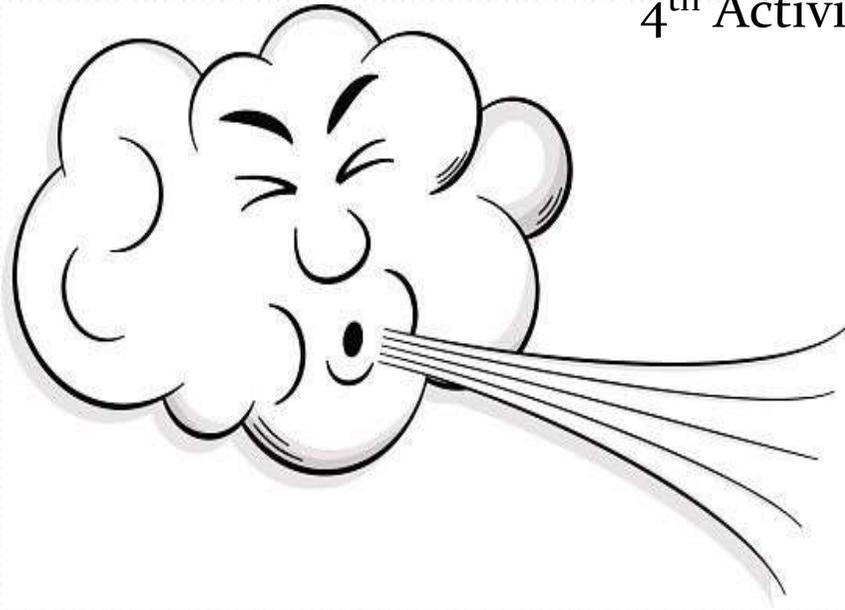


When Odysseus fell asleep, his army opened the pouch, thinking it contained gold, releasing all the winds. Instead, a storm broke out, sending Odysseus back to the island of Aeolus. So Aeolus refused to help him again, punishing him for disrespecting his army.

Reenact history with your ships and bags.

- *How would the winds move the ship?*

4th Activity

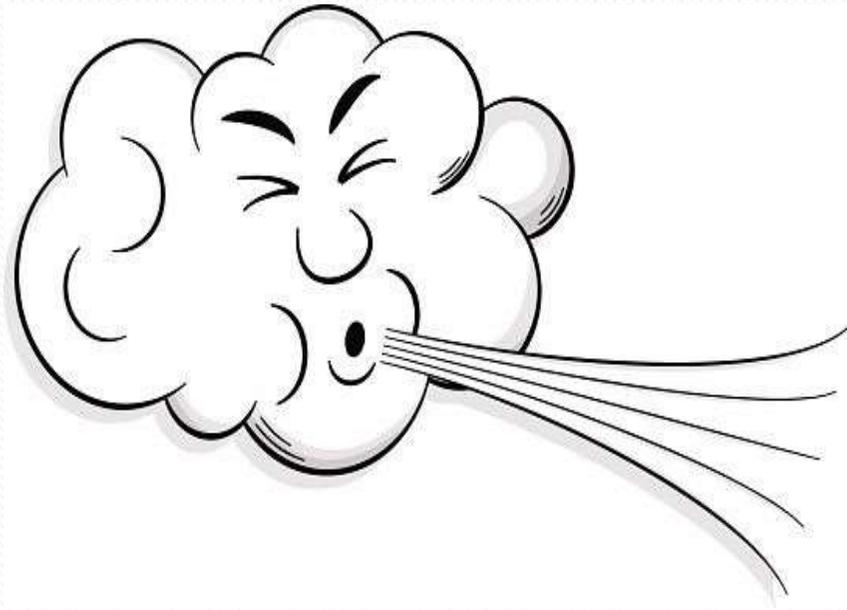


Solve the mystery of the stationary ship....

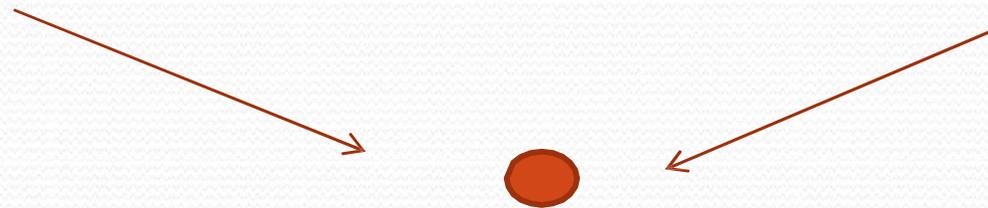
Once upon a time, a ship was in the middle of the sea. Suddenly powerful winds began to blow from opposite directions. When the winds stopped, the boat was in the same position.

What could have happened?





Try it on your ship!!
One will blow from one side, the other from another!
When we blow with the same force from two opposite sides, then the
ship does not move.



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