

STEAM Questions

1. This painting represents a typical sailing ship from 2,000 years ago. What two basic means of power did ships use at that time to propel their craft forward?
2. What is buoyancy? How much water would have to be inside the ship for it to lose buoyancy?
3. It appears a sailor is taking down the sail. Would it be a good idea to take down the sail in this storm? What does force of the wind and the center of gravity have to do with your response?
4. The type of storm depicted in this painting is most likely caused by what type of weather pressure system? Describe the two types of weather pressure systems and their characteristics.
5. In this storm the wind appears to be howling. What is your guess on wind speed? Ultimately what powers all winds on earth?

