

The activity topics are as follows:

- The Floating Raft:** This activity will allow students to observe the force of the magnetic field without the magnet actually touching the object. Students will also experiment with polarity as they move the raft.
- Treasure Island:** Students will learn about lodestone and how a compass works. They will then use a compass to navigate a treasure map.
- Find the Coin:** Students use a magnet to try to attract a coin through four different mediums. This activity will allow students to observe that the magnetic field can travel through different materials without being affected.
- In Search of Treasure:** Students will predict and then distinguish between materials that are attracted and not attracted to a magnet. They will realize that not all metallic objects are magnetic. Students will learn to order and classify magnetic and non-magnetic objects.
- Walk the Plank:** Students will use a cooperative game format to discover objects that use a magnet on a modern day pirate ship.
- Trap Captain Repel:** Students will use an electromagnet in designing and building a trap to capture Captain Repel.
- Load the Lodestone:** Students will determine the strength of magnets by testing which magnet will hold the largest load.