

Station 1

- Pick up small nails with the electromagnet.
- How many nails can you pick up at once?

Station 2

- Pick up coins with the electromagnet.
- Which coins are attracted to the magnet and which are not?

Station 3

- Touch the electromagnet to the different metals to 'catch' the fish.
- Which metals are attracted to the magnet and which are not?

Station 4

- Bring the tip of the nail in the electromagnet close to a compass.
- Bring the other end of the nail close to the compass. What changes?
- Reverse the battery to reverse the polarity of the electromagnet.