

Cephalopods are able to move with “jet engines”. For the first two goals you will need to create a force diagram for a jetting cephalopod. Then you will need to explain its motion in terms of **all three** of Newton’s Laws of Motion.

For the last two goals you will use various materials to **show** how gravitational and electromagnetic fields are alike and how they’re different.

Assessment categories:**Content:**

1. Create a force diagram for a cephalopod jetting through water.
2. Relate cephalopod jetting to all three of Newton’s Laws of motion during your interview.
3. Demonstrate one way gravitational and electromagnetic fields are **similar**.
4. Demonstrate one way gravitational and electromagnetic fields are **different**.

Habits for Success:

1. Product quality reflects proper thought and time spent. [3 point scale]
2. Focus on product work, proper handling of materials, appropriate use of technology, following directions on activities... [2 points per day]