



## Pencil Pusher

- **Materials:** 2 pencils
- **Instructions**
  - Bring two volunteers to the front. Give them each a pencil.
  - Have them face each other and stand at arm's length away from each other.
  - Give each student a pencil.
  - Have the students attempt to touch the erasers of the pencils together as they move closer together (don't allow them to move their pencils side-to-side or this will become a fencing match).
  - **OBSERVE & DISCUSS:**
    - How easy or difficult was this for the students on a scale of 1-10?
    - Will these two be able to touch the point of their pencils together if they each close one eye?
  - Instruct the students to try again but this time with ONE eye closed.
  - **OBSERVE & DISCUSS:**
    - How easy or difficult was this for the students on a scale of 1-10?
    - What surprised you about this experiment?
    - What can we learn from this experiment?
      - Stereo vision is important in our depth perception.
    - What other activities or processes could be more difficult if you didn't have good depth perception?