Estimation Exploration

Let’s create an "Estimation Exploration" routine.

Warm-up

Estimation Exploration: Fractional Measurement

What is the length of this earthworm?

Record an estimate that is:

too low	about right	too high

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Activity 1

Design Your "Estimation Exploration"

1. Find an object or an image that would make an interesting length estimation problem. Write a question that would encourage others to answer with a length estimated to the nearest half or fourth of an inch.

   _____

   _____

2. Think about estimates others might make for the length of the object or image.

   Record an estimate that is:

too low	about right	too high

3. Measure the length of the object or image to make sure your estimates make sense. If needed, revise your estimates.

Activity 2

Facilitate Your "Estimation Exploration"

1. Display your image for your classmates.
2. Ask them, “What is an estimate that’s too high? Too low? About right?”
3. Give your classmates 1 minute of quiet think time.
4. Give them 1 minute to discuss together.
5. Ask them to share their estimates.
6. Record their ideas.