

Master 9: Activity 4 Assessment

Benchmarks and Estimation

Using Benchmarks to Estimate and Measure Length Behaviours/Strategies

1. Student finds object in classroom, but struggles to use benchmarks to estimate length in standard units (estimate is extreme or unreasonable).



"About 100 fingers!"

2. Student estimates length in standard units, but does not use appropriate benchmark to estimate and measure.

"I am using a paper clip to measure in centimetres."

3. Student selects and uses appropriate benchmarks to estimate and measure length in standard units, but leaves gaps or overlaps or has difficulty tracking the finger/step while measuring.

Observations/Documentation

4. Student uses the measurement of familiar objects as benchmarks to estimate and measure length in standard units, but loses track of the count when measuring.

"I forget how many fingers I used."

5. Student uses the measurement of familiar objects as benchmarks to estimate and measure length in standard units, but forgets to include the unit when stating the measure.

"It is 7 long."

6. Student successfully uses the measurement of familiar objects as benchmarks to estimate and measure length in standard units and includes units with measures.

"The length of the pencil is about 20 finger widths, or about 20 cm."

Observations/Documentation