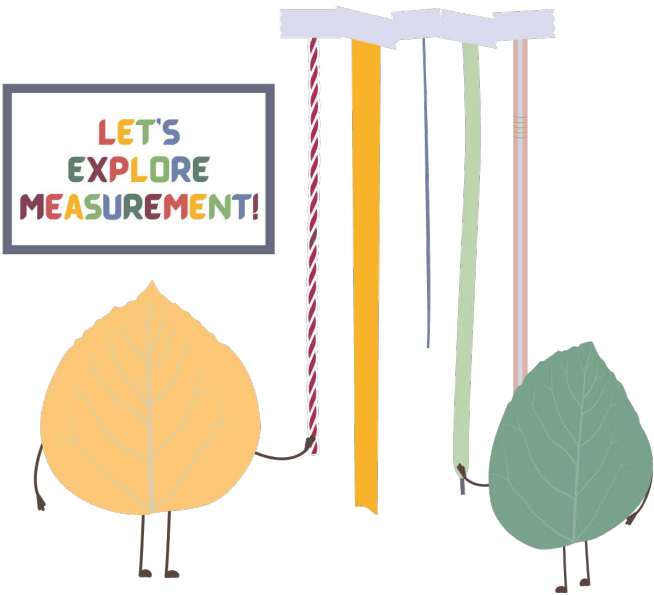


# EXPLORE

K - 3

To consider an idea or concept in detail, both closely and broadly.



*Exploring* requires students to learn about a concept through a variety of concrete learning experiences. When students are *exploring* they are building a foundational understanding which can be accessed in the later grades, and therefore should involve repeated experiences.

The table below shows where **explore** is included as student action within Alberta's K-3 Alberta Math curriculum.

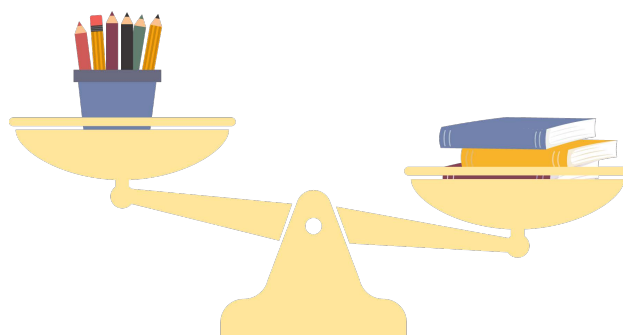
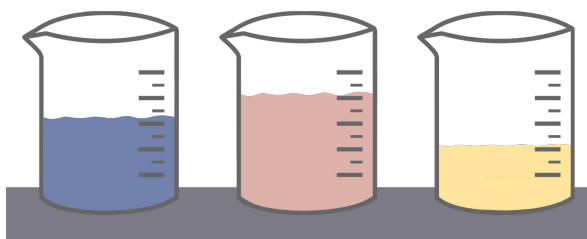
Grade Level	Learning Outcomes	Skills & Procedures
Kindergarten	Children <b>explore</b> size through direct comparison.	
Grade 1		
Grade 2		
Grade 3		

To best support learners, student action verbs should be explicitly taught, modeled and practiced through multiple experiences. The illustrative examples can provide clarification about how student understanding might be developed. It is important to reference the curriculum to view the entire context of the Learning Outcome and related KUSPS.

## Illustrative Examples

Learning Outcome KM1: Students **explore** size through direct comparison.

1. Teacher places five items (e.g., pieces of string, yarn or ribbon) on a table for each small group. Have students **explore** the different lengths. Through **exploration**, students are able to visually show and communicate which is the longest, the shortest and which pieces are almost the same. Have the student explain how they know this. (It is important that when students are comparing lengths, they align end points.)
2. Have students **explore** which objects are heavier or lighter, using a scale.
3. Have students **explore** which container holds more or less liquid.



## Additional Resources

To see more information about how to use this type of task go to

[https://www.learnalberta.ca/content/mepgk/html/pgk\\_attributesmeasurement/step3.html](https://www.learnalberta.ca/content/mepgk/html/pgk_attributesmeasurement/step3.html).

## References

LearnAlberta. (n.d.). *Planning Guide: Attributes/Measurement (Step 3)*. LearnAlberta.ca.

[https://www.learnalberta.ca/content/mepgk/html/pgk\\_attributesmeasurement/step3.html](https://www.learnalberta.ca/content/mepgk/html/pgk_attributesmeasurement/step3.html)