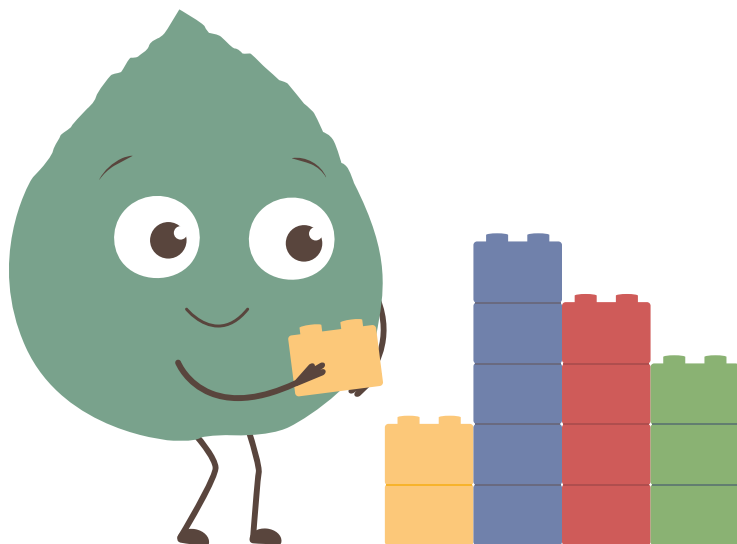


# CONSTRUCT

K - 3

To arrange items or ideas into a logical form.



**Constructing** requires that students build something to represent data. They identify particular features of information which are then arranged in a logical way using manipulatives, drawings or digital graphics. Students may **construct** by following a given model or template.

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

Grade Level	Learning Outcomes	Skills & Procedures
Kindergarten		
Grade 1		Collaborate to <b>construct</b> a concrete graph using data collected in the learning environment.
Grade 2		<b>Construct</b> graphs to represent data.
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

Skills and Procedures (2ST1.2): **Construct** graphs to represent data.

1. With students, **construct** two different concrete graphs, based on a model. Have students compare the graphs and identify the common attributes (title, labels).
2. With students **construct** two different pictographs. Have students compare the graphs and identify the common attributes (title, labels).
3. Students collect responses based on a question. They will use this data to **construct** a concrete graph or pictograph. Example question: How do you get to school in the morning?

## Additional Resources

[Manitoba Government teacher resources.](#)

[Statistics and Probability task \(pg.10\).](#)

## References

*Education and Early Childhood Learning: Math.* (n.d.) Manitoba Education.

<https://www.edu.gov.mb.ca/k12/cur/math/index.html>

Grade 2 Mathematics Statistics and Probability (n.d.). Manitoba Education. 10.

[https://www.edu.gov.mb.ca/k12/cur/math/support\\_gr2/statistics.pdf#page=10](https://www.edu.gov.mb.ca/k12/cur/math/support_gr2/statistics.pdf#page=10)

