

Beading and Graphing

By Bev Caswell, Nora Atlookan and Jisoo Seo

Curriculum - *Data Management and Probability*

For students to sort, classify, and display a variety of concrete objects, collect data, begin to read and describe displays of data, and begin to explore the concept of probability in everyday contexts.

Materials

- Beads
- Pipe cleaner
- Pattern Beading Graph (Appendix A)
- Markers

How to Play

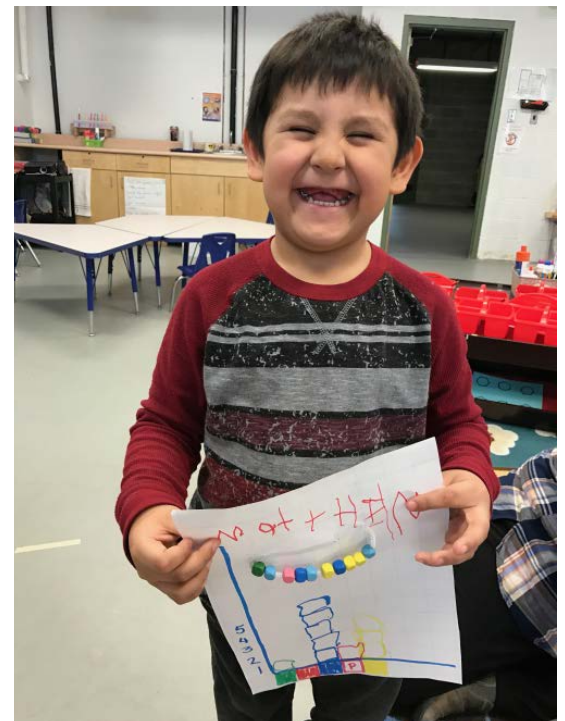
- Take 10 or more beads of any colour.
- Put the beads through the pipe cleaner.
- Create a bar graph that corresponds to your beads.
- Remember to ask the students questions about their graph. Ex: “How do you know there are eight blue beads?”

Notes

Please see the “Introduction to Graphing” lesson in the Robertson Program lesson library for more ideas on graphing in the classroom.

Ojibwe Vocabulary

1 - Bezhig	Red - Miskwaa
2 - Niizhin	Blue - Zhaawashkaa
3 - Nisso	Yellow - Ozaawaa
4 - Niiwin	Pink - Bagakii-Miskwa
5 - Naanan	Green - Aniiibiishi-Zhaawashkwaa
6 - Ngodaasso	Light Purple - Zhaawashkwaa
7 - Niizhaasso	Dark Purple - Miini-Zhaawashkwa
8 - Nishaasso	
9 - Zhaangasso	
10 - Midaasso	



Bead Graph

Number of Beads	10 Midaasso					
	9 Zhaangasso					
	8 Nishaasso					
	7 Niizhaasso					
	6 Ngodaasso					
	5 Naanan					
	4 Niiwin					
	3 Nisso					
	2 Niizhin					
	1 bezhig					
		Zhaawashkaa Blue	Miskwaa Red			

Colour of Beads