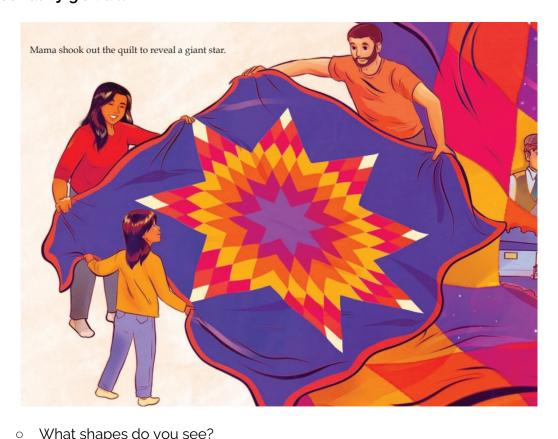
Student Handout (Grades K - 2)

Introduction:

In the book we are reading, Ojiig's quilt is made of many shapes and patterns. The First Nations University in Saskatchewan also has a patterned floor. Today, we're going to explore these patterns and create some of our own using tangram tiles!

Part 1: Observing Patterns

• Look at Ojiig's Quilt:



What s	hapes do you see?		
What c	olors do you see?		
Describ	pe the patterns you see:		



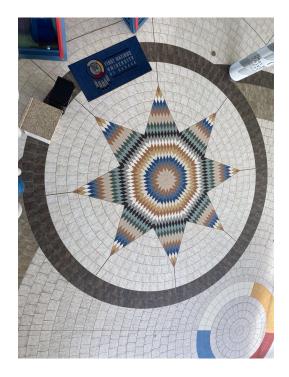
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• Look at the First Nations University Floor



- What shapes do you see?

 What colors do you see?

 Describe the patterns you see:
- Are there similarities or differences between the quilt and the floor patterns?







Part 2: Creating Tessellations

- What is a Tessellation? Tessellations are patterns made of shapes that fit together without any gaps or overlaps.
- **Using Tangram Tiles:** Use the tangram tiles (physical or online) to create your own tessellation pattern.
 - o Create a pattern that is meaningful to you and tell your classmates about it.

Part 3: Deeper Thinking

•	Do you see any symmetry in the quilt, the floor, or your own design?
•	Are there any patterns or symbols that are important to you, your family, or your culture?
•	Where else have you seen tessellations or patterns in the world?





