



## Module Two - Exploring Patterns

### Focus Lesson Two: Is it a pattern?

- Launch the Pattern Tool and Repeating Patterns - Elements and Translation and share either the animation with narration or select the No Audio animation if you would like to lead your students through the concepts.
- The video starts looking at elements, and then 2:22 is where the translation demonstration starts. 4:24 is where the translation challenges start - if you wish to move more quickly to those parts of the lesson if your students are confident with these concepts
- The challenges in the animation at 4:24 are preparation for Shaker Pattern Maker
- When your students are able to correctly identify elements and translate them to letters, launch Shaker Pattern Maker
- Demonstrate how the Shaker Pattern Maker shakes out a set of elements and also a pattern core. Show students how the possible core are all hidden behind the tiles.
- Detailed instructions for Shaker Pattern Maker and the game steps are outlined in the Module Two - Focus Lesson #4 Video
- There are Circle Pattern Task Cards that challenge students to identify elements, compare the complexity of patterns and translating patterns into different forms