Learning Targets

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### Sequences and Functions

### Lesson 1: A Towering Sequence

* I can give an example of a sequence.

### Lesson 2: Introducing Geometric Sequences

* I can find missing terms in a geometric sequence.

### Lesson 3: Different Types of Sequences

* I can explain what it means for a sequence to be arithmetic or geometric.

### Lesson 4: Using Technology to Work with Sequences

* I can use a spreadsheet to create many terms of a sequence.
* I can use technology to graph a sequence.

### Lesson 5: Sequences are Functions

* I can define arithmetic and geometric sequences recursively using function notation.

### Lesson 6: Representing Sequences

* I can represent a sequence in different ways.

### Lesson 7: Representing More Sequences

* I can ask questions to get the information needed to represent a sequence in different ways.

### Lesson 8: The $n^{th}$ Term

* I can explain why different equations can represent the same sequence.

### Lesson 9: What’s the Equation?

* I can represent situations with sequences.

### Lesson 10: Situations and Sequence Types

* I can define a sequence using an equation.

### Lesson 11: Adding Up

* I can determine the sum of a sequence representing a situation.



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