# Growing Patterns

Let's follow the steps to create a growing pattern!

1. Choose a number between 1 to 4 (this will be your starting number).

2. Next, choose one of the following numbers to add to your starting number: 3, 9, or 11.

- For example, I chose to start at 2 and add 9 each time.

- Here is a growing pattern starting at 2 and adding 9 each time: 2, 11, 20, 29, 38, 47, 56...

3. State your pattern rule.

Use this statement: "Start at _____ and add _____ each time."

4. From your starting number, extend your pattern to a minimum of 8 terms forward.

# Growing Patterns

5. You can represent your pattern on a number line or the hundred chart by placing the "plus" sticker onto the numbers from your pattern.

· What pattern do you notice? How would you describe it?

6. Record the numbers in your growing pattern: _____  _____

_____  _____  _____  _____  _____  _____

7. Reflect on the following questions:

· What number pattern do you notice in the ones and tens place?

· Are the numbers all odd or even? Are they a mix of both?

# Growing Patterns

· How would you describe the pattern of numbers?