

# Stage 8 – Sequences



## WHAT DO WE ALREADY *know?*

- Use a term-to-term rule to generate a sequence
- Find the term-to-term rule for a sequence
- Describe a sequence using the term-to-term rule



- Sequence
- Linear
- Term
- Difference
- Ascending
- Descending
- Term to term
- Position to term

- To generate terms of sequence using the nth term
- To be able to calculate the nth term of linear sequences

### Sequences - Targets

	Before Topic	After Topic	Teacher Mark
Generate terms of a sequence from a position to term rule			
Find the nth term of an ascending linear sequence from the numbers or a drawn representation			
Find the nth term of an descending linear sequence from the numbers or a drawn representation			
Use the nth term of a sequence to deduce if a given number is in a sequence			
To be able to describe patterns in differences for a simple non-linear sequence			