

Numeracy Gr 3 January 4

Activity 2: Increasing Patterns

Materials Needed:

- Objects around the house, yard or from nature; or paper and crayons/coloured pencils; this Poem/Song: [Over in the Meadow](#)

Task Instructions:

Read the story Over In The Meadow or listen to the [song](#). Show your child how to represent the growing pattern from the song using blocks or any objects from around the house (or you can use drawings if necessary).



Have your child complete the missing steps in the pattern to get to the total of ten.

Explain the vocabulary involved...each column represents a TERM in the pattern; in the case, the pattern GROWS by 1 each time.

Once your child is comfortable with this representation of a pattern, ask them to extend the following patterns (go up to at least 5 terms; for a challenge, go up to 10):



Discuss the similarities and differences between these growing patterns.

Parent Tips:

If your child would like more challenges, you can go [here](#) for many interesting patterns (but don't have them go to the 43rd step or ask them to write equations—they aren't quite ready for that). You can read about the language and understanding of repeating patterns [here](#).