

# Growing/Increasing Patterns

This week we are going to look at a concept that will be new to the students. I recommend having them watch the videos as well as complete the following activities with a parent.

Growing/Increasing Pattern Videos:

<https://www.youtube.com/watch?v=aRdqLeZck7g>

<https://www.youtube.com/watch?v=j19xNnFC-UI>

## Task 1:

Parent clap a growing pattern such as 1 clap, 2 claps, 3 claps. Have your child repeat the pattern and clap what comes next. Then have them draw the pattern using a circle for each clap. Draw their attention to the fact that it's a growing pattern because it gets bigger each time and it's a pattern because it gets bigger by the same/predictable amount each time (1 more).

Parent clap another growing pattern such as 1 clap, 3 claps, 5 claps. Have your child repeat the pattern and clap what comes next. Then have them draw the pattern using a circle for each clap. Draw their attention to the fact that it's a growing pattern because it gets bigger each time and it's a pattern because it gets bigger by the same/predictable amount each time (2 more).

## Task 2:

On Youtube watch the story: My Little Sister Ate One Hare by Bill Grossman

<https://www.youtube.com/watch?v=2Q7ft95TOQ>

Listen to it a second time and have your child draw a circle for each animal she ate each day (1 circle on first line, 2 on second line, 3 on third line, etc. ) Afterwards ask your child if it's a growing pattern and why? (Yes it is. She's eating more each day and it's increasing by 1 each day).

### Task 3:

Show your child a growing pattern such as the ones below. Ask them to copy the pattern using materials (such as Cheerios, buttons, dimes, Smarties) and then have them continue the pattern to show what the next 3 parts will be and what the pattern or rule is. Answers:

Squares: 2,4,6,8,10,12 (add 2)    Stars: 1,3,5,7,9,11 (add 2)

Triangles: 2,3,4,5,6,7 (add 1)    Hearts: 1,4,7,10,13 (add 3)

