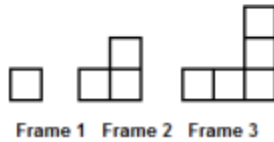


P3.1

Staircase

- Staircase – Give students the first 3 frames of a staircase pattern (see below). Ask them to use square tiles pattern blocks, base-ten units, or multi-link cubes to build the next three frames of the staircase pattern. Students then predict what each frame will look like before they build it.



A growing pattern can be recorded in a table. This allows students to see the relationship between a concrete/pictorial pattern and the corresponding number pattern. Ask students make a table and record the number of frames, the number of squares added each time and the number of squares in each frame.

Frame	Squares Added	Squares in a Frame

From:

http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/primary/Unit_1_Patterning.pdf