



## NATIONAL MATHEMATICS TEAM

## **GRADE 1 PLANNING TEMPLATE**

ALGEBRA				
Topics/Objectives	Main Concept	Teaching/Learning Activities	Assessment/Homework Activities	
<ol> <li>Find missing terms in repeating colour, number and geometric patterns.</li> <li>Make generalizations and predictions</li> </ol>	Repeating Pattern	Find missing terms in repeating colour, number and geometric patterns.Repeating pattern all around us Teacher, do the Chicken Dance with the students. Discuss the repeating parts of the dance and the music.Chicken dance you tube video https://www.youtube.com/watch?v=ich7aSuDGZg&f eature=relatedGeometric Shapes Pattern Show students a set of shapes laid out in a simple sequence as seen below and allow students to predict the next 3 shape in the sequence.	Find missing terms in repeating colour, number and geometric patternsShape colour Number PatternPrepare pattern cards or worksheet with missing elements for students to complete. See page 1 of the Resource Document for a sample of the Shape, Colour, Number Pattern worksheet.Pattern nature walkTake students on a nature walk around the school. Have them locate patterns in the environment, draw the pattern and then extend the pattern (at least once).See page 2 of the Resource Document	



Have students add the next four elements to the pattern. Ask students to close their eyes while you remove a shape from the pattern	
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