

Grade 1 Student Resource Contents

Resource Title:

The title of the resource relates to an Overall Expectation of the Ontario Math Curriculum.

Activity List:

The learning outcome for each activity is listed here. This makes it easier for teachers to target specific concepts for teaching, diagnostic or formative assessment purposes.

READ AND DESCRIBE DATA PRESENTED IN GRAPHS AND PICTOGRAPHS	
Student Activities	
<p>Data can be organized into categories by sorting objects using one attribute</p> <ul style="list-style-type: none"> Match each group of objects to its sorting colour.....1 Match each colour to its group of objects.....2 Match each group of objects to its sorting shape.....3 Match each shape to its corresponding set of objects.....4 <p>The same group of objects can be sorted in different ways</p> <ul style="list-style-type: none"> Sort each group of objects by colour.....5 Sort each group of objects by shape.....6 Connect each picture to its representation by colour.....7 Connect each numeral to its set of shapes sorted by number of straight sides.....8 Relate each set to its representation on a sorting mat.....9 Relate each tower to its decomposition by colour.....10 Compare each tower to the pictograph of its decomposition by colour.....11 	<p>Data can be organized and represented in pictographs and graphs</p> <ul style="list-style-type: none"> Relate each composition to its pictograph representation.....12 Relate each composition to its representation on a graph.....13 Compare each pictograph to its corresponding graph.....14 Relate each group of insects to its pictograph representation.....15 Relate each group of insects to its representation on a graph.....16 Connect each picture to its pictograph.....17 <p>Read and interpret data in pictographs and graphs</p> <ul style="list-style-type: none"> Connect each double five frame representation to its group of objects.....18 Compare each graph to its representation using numerals.....19 Using colour, compare each pictograph to its representation using numerals.....20 Connect each pictograph to its group of sea creatures.....21 Connect each graph to its group of sea creatures.....22 Using colour, compare each graph to its group of objects.....23 Compare each graph to the representation of the difference shown.....24
Teacher Section	
<p>How to Use QUICKCHECK Math and Tips for Success.....25</p>	<p>Learning Connection Activity Suggestions</p> <ul style="list-style-type: none"> Mathematical Process Expectations: Representing, Reasoning and Proving, Connecting.....26
<p>GETTING READY TO USE QUICKCHECK You need a book and a case with six tiles.</p> <ul style="list-style-type: none"> Open the book to Activity 1. Put the empty tile case over the book. The CHECKMARK will cover the answer key. There are six squares in the top section. Place each tile on the square that has the same icon. Lift each tile to reveal the image underneath. Transfer each tile to its corresponding image below. Close the cover of the tile case. Flip the tile case up. The answer key will appear. The tile pattern should match the answer key. 	

Big Ideas:

Groups of activities are organized around key Math concepts as they relate to the expectation noted in the title.

Teacher Section:

Teachers will find helpful tips and Learning Connections Activity Suggestions at the back of each resource.

