

# Curriculum Correlation

## Geometry Cluster 5: Coding

### Ontario

Curriculum Expectations	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>Overall Expectation</b> <b>Location and Movement:</b> describe and represent the relative locations of objects, and represent objects on a map. <b>Cross Strand:</b> Number			
<b>G2.10</b> describe the relative locations (e.g., beside, two steps to the right of) and the movements of objects on a map	<b>Below Grade: Intervention</b> 9: I Spy 10: Five Questions  <b>On Grade: Teacher Cards</b> 22: Exploring Coding (G2.10) 23: Coding on a Grid (G2.10) 24: Number Codes (G2.10) 25: Coding: Consolidation (G2.10)  <b>On Grade: Math Every Day Card 5:</b> Code of the Day (G2.10) Wandering Animals (G2.10)		<b>Big Idea: Objects can be located in space and viewed from multiple perspectives.</b> Locating and Mapping Objects in Space - Uses positional language and gesture to describe locations and movement, and give simple directions (e.g., in, on, around, right, left). (Activities 22, 25) - Provides instructions to locate an object in the environment (e.g., listing instructions to find a hidden object in classroom). (Activity 25; MED 5: 2) - Describes the movement of an object from one location to another on a grid map (e.g., moving 5 squares to the left and 3 squares down). (Activities 23, 24, 25; MED 5: 1, 2)

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### British Columbia/Yukon Territories

Learning Standards	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>Big Idea</b> Concrete items can be represented, compared, and interpreted pictorially in graphs.			
<b>Cross Strand:</b> Number <ul style="list-style-type: none"> <li>Counting               <ul style="list-style-type: none"> <li>2.1 skip-counting by 2, 5, and 10:                   <ul style="list-style-type: none"> <li>2.1a using different starting points</li> <li>2.1b increasing and decreasing (forward and backward)</li> </ul> </li> </ul> </li> <li>Pictorial representation of concrete graphs using one-to-one correspondence               <ul style="list-style-type: none"> <li>2.29 collecting data, creating a concrete graph, and representing the graph using a pictorial representation through grids, stamps, drawings</li> <li>2.30 one-to-one correspondence</li> </ul> </li> </ul>	<b>Below Grade: Intervention</b> 9: I Spy 10: Five Questions  <b>On Grade: Teacher Cards</b> 22: Exploring Coding (2.1a, 2.1b, 2.30) 23: Coding on a Grid (2.1a, 2.1b, 2.29, 2.30) 24: Number Codes (2.1a, 2.1b, 2.29, 2.30) 25: Coding: Consolidation (2.1a, 2.1b, 2.29, 2.30)  <b>On Grade: Math Every Day Card 5:</b> Code of the Day (2.1a, 2.1b, 2.29, 2.30) Wandering Animals (2.1a, 2.1b, 2.29, 2.30)		<b>Big Idea: Objects can be located in space and viewed from multiple perspectives.</b> Locating and Mapping Objects in Space <ul style="list-style-type: none"> <li>Uses positional language and gesture to describe locations and movement, and give simple directions (e.g., in, on, around, right, left). (Activities 22, 25)</li> <li>Provides instructions to locate an object in the environment (e.g., listing instructions to find a hidden object in classroom). (Activity 25; MED 5: 2)</li> <li>Describes the movement of an object from one location to another on a grid map (e.g., moving 5 squares to the left and 3 squares down). (Activities 23, 24, 25; MED 5: 1, 2)</li> </ul>

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New Brunswick/Prince Edward Island/Newfoundland and Labrador/Manitoba/Nova Scotia/Alberta/  
Northwest Territories/Nunavut/Saskatchewan

Specific Outcomes	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>Cross Strand: Number</b>			
Optional but recommended	<b>Below Grade: Intervention</b> 9: I Spy 10: Five Questions  <b>On Grade: Teacher Cards</b> 22: Exploring Coding 23: Coding on a Grid 24: Number Codes 25: Coding: Consolidation  <b>On Grade: Math Every Day Card 5:</b> Code of the Day Wandering Animals		<b>Big Idea: Objects can be located in space and viewed from multiple perspectives.</b> Locating and Mapping Objects in Space - Uses positional language and gesture to describe locations and movement, and give simple directions (e.g., in, on, around, right, left). ( <b>Activities 22, 25</b> ) - Provides instructions to locate an object in the environment (e.g., listing instructions to find a hidden object in classroom). ( <b>Activity 25; MED 5: 2</b> ) - Describes the movement of an object from one location to another on a grid map (e.g., moving 5 squares to the left and 3 squares down). ( <b>Activities 23, 24, 25; MED 5: 1, 2</b> )