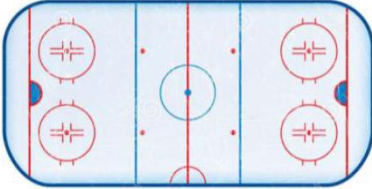
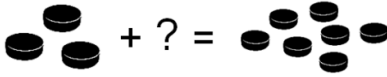


O'BRIEN GROUP ARENA MATHEMATICS CURRICULUM

Victorian Curriculum and Assessment Authority Levels Addressed: Levels 1, 2

At level 1, students are working towards level 2 standards

At level 2, students are working towards level 3 standards

1. A bottle of water costs \$3.50. Circle the coins you would need to pay for this drink.			
Domain	Content Strand	Proficiency Strand	Key Elements of Standards
Mathematics	Number and Algebra: Number and Place Value	Literacy Numeracy Creative and Critical Thinking	<p>Level 1: Students solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts</p> <p>Level 2: Using efficient mental and written strategies, students solve simple addition and subtraction problems.</p>
	Number and Algebra: Money and financial Mathematics	Personal and social capability	<p>Level 1: Students recognise, describe and order Australian coins according to their value</p> <p>Level 2: Count and order small collections of Australian coins and notes according to their value</p>
2. Look at the picture of an ice hockey rink below.			
<p>a. How many straight BLUE lines are there?</p> <p>b. How many straight RED lines are there?</p> <p>c. How many straight lines all there in total?</p> <p>d. Circle the line which splits the rink in half.</p>			
			
Domain	Content Strand	Proficiency Strand	Key Elements of Standards
Mathematics	Number and Algebra: Number and Place Value	Literacy Numeracy Creative and Critical Thinking	<p>Level 1: Students solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts</p> <p>Level 2: Using efficient mental and written strategies, students solve simple addition and subtraction problems.</p>
	Number and Algebra: Fractions and Decimals		<p>Level 1: Students recognise and describe one-half as one of two equal parts of a whole</p> <p>Level 2: Recognise and interpret common uses of halves, quarters and eighths of shapes and collections</p>
3. Dan was practicing shooting pucks at an empty net. He started with three of his own pucks but when he left he had seven! How many extra pucks did Dan find?			
			
Domain	Content Strand	Proficiency Strand	Key Elements of Standards

O'BRIEN GROUP ARENA MATHEMATICS CURRICULUM

Victorian Curriculum and Assessment Authority Levels Addressed: Levels 1, 2

Mathematics	Number and Algebra: Number and Place Value	Literacy Numeracy	Level 1: Students solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts Level 2: Using efficient mental and written strategies, students solve simple addition and subtraction problems. Students explore the connection between addition and subtraction and should investigate the different groupings/partitions of 7 to facilitate more efficient counting.
	Number and Algebra: Fractions and Decimals	Creative and Critical Thinking	Level 1: Students recognise and describe one-half as one of two equal parts of a whole Level 2: Students are called to recognise and interpret common uses of halves of shapes and collections

4. *The hockey player is taking a shot on net. Draw the path from the player to the goalie starting at 2 and counting by 2s up to 200.*

Domain	Content Strand	Proficiency Strand	Key Elements of Standards
Mathematics	Number and Algebra: Number and Place Value	Literacy Numeracy	Level 1: Students are required to recognise, model, read, write and order numbers to 200. Confidence with number sequences skipping by two is developed. Level 2: Students learn to recognise and represent multiplication as repeated addition and investigate number sequences increasing and decreasing by twos. There are also required to recognise, model, represent and order numbers from zero to 200
	Number and Algebra: Patterns and Algebra	Creative and Critical Thinking	Level 1: Students Investigate and describe number patterns formed by skip counting Level 2: Solve problems by using for addition or subtraction
	Measurement and Geometry: Location and Transformation		Level 1: Students are give worded directions are asked to find an end location Level 2: Interpret simple maps of

O'BRIEN GROUP ARENA MATHEMATICS CURRICULUM

Victorian Curriculum and Assessment Authority Levels Addressed: Levels 1, 2

			familiar locations						
<p><i>Extra Activity</i></p> <p><i>After your visit at the O' Brien Group Arena, use this table to tally your classmates' skate sizes!</i></p>			<table border="1"> <thead> <tr> <th>Shoe Size</th> <th>Tally Marks</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>3</td> <td> </td> <td>4</td> </tr> </tbody> </table>	Shoe Size	Tally Marks	Total	3		4
Shoe Size	Tally Marks	Total							
3		4							
Domain	Content Strand	Proficiency Strand	Key Elements of Standards						
Mathematics	Statistics and Probability: Data Representation and Interpretation	Literacy Numeracy Creative and Critical Thinking	Level 1: Given a simple question, students are asked to gather responses and then represent the data in a table in a number of ways (tally and total) Level 2: Gather data relevant to the question which is then checked and classified then displayed in a table.						