

## Our Language, Our Story: Curriculum Connections

**Division: Primary**

**Subject: Mathematics**

**Strand: Geometry & Spatial Sense**

### Overall Expectations

| Grade 1   | Grade 2  | Grade 3  |
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| <p>By the end of Grade 1, students will:</p> <ul style="list-style-type: none"> <li>• identify common two-dimensional shapes and three-dimensional figures and sort and classify them by their attributes;*</li> <li>• compose and decompose common two-dimensional shapes and three-dimensional figures;</li> <li>• describe the relative locations of objects using positional language.</li> </ul> | <p>By the end of Grade 2, students will:</p> <ul style="list-style-type: none"> <li>• identify two-dimensional shapes and three-dimensional figures and sort and classify them by their geometric properties;</li> <li>• compose and decompose two-dimensional shapes and three-dimensional figures;</li> <li>• describe and represent the relative locations of objects, and represent objects on a map.</li> </ul> | <p>By the end of Grade 3, students will:</p> <ul style="list-style-type: none"> <li>• compare two-dimensional shapes and three-dimensional figures and sort them by their geometric properties;</li> <li>• describe relationships between two-dimensional shapes, and between two-dimensional shapes and three-dimensional figures;</li> <li>• identify and describe the locations and movements of shapes and objects.</li> </ul> |

### Virtues and Themes: Possible Connections

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| <p><b>Theological Virtue: Hope</b><br/>Hope is about trusting in God's promises, no matter what the obstacles. Hopeful people work for peace and justice on earth despite facing many obstacles.</p>  | <p>Identifying, classifying, composing and locating shapes that are new or complex can seem like a difficult step for some students. It poses a new way of seeing and thinking. This is like Christian hope, which calls us to see things through the eyes of the resurrection. Hope tells us that God will resolve things for us in His time. We can trust that things will work out for the best, and work to make it happen. We will learn new ways to solve problems, and can work together to make this happen.</p>                     |
| <p><b>Cardinal Virtue: Fortitude</b><br/>Fortitude is practicing the good and just in challenging situations and practicing patience when faced with obstacles.</p>   | <p>During all classes students are presented with opportunities to practice fortitude by defending truth and kindness in their relationships with one another. Challenging mathematics questions can become opportunities for students to cultivate fortitude by practicing patience in working out solutions.</p>   |
| <p><b>Catholic Character Theme: Community</b><br/>When the friendship, love and kindness of Jesus are present in our schools, then we are truly living as a community.</p>  | <p>God has given each of us a special part to play in our community. I have some gifts, and you have gifts that I do not have. When we bring our gifts together and help each other, then we are living as a community. Each of the shapes we identify, compose or locate are like our gifts. Some are similar, but each kind of shape is different. They are make up the beauty of the world that we discover through Mathematics. In a similar way, our gifts together make our community exciting and beautiful.</p>                      |
| <p><b>Catholic Character Theme: Discipleship</b><br/>Discipleship is about following Jesus and striving to live his Gospel. It is our life-long response to the call of Jesus that we feel in our hearts, saying "come, follow me." Discipleship is visible wherever we see the Kingdom's love, justice, friendship and prayer in our Catholic schools.</p> | <p>Jesus calls each of us to follow him and be his disciples. Some of us are called to be teachers; others, to be construction workers; others, to be a mom or a dad or a sister or priest or a single person. Each of us is special, and Jesus calls each of us to be his disciple in a special way. We are like the circles, triangles, squares and different shapes. All of us are different, yet all of us belong. All of us are called to follow Jesus and spread the love of His Kingdom wherever we are, and in everything we do.</p> |

### Support Resources:

#### *Journey Activities*

| Grade 1 | Grade 2 | Grade 3 |
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| CGE 3b - Catholic Graduate Expectation – A Reflective and Creative Thinker: Creates, adapts, evaluates new ideas in light of the common good.<br>CGE 3c - Catholic Graduate Expectation – A Reflective and Creative Thinker: Thinks reflectively and creatively to evaluate situations and solve problems.                                      | CGE Overall - Catholic Graduate Expectation - An Effective Communicator: An effective communicator who speaks, writes and listens honestly and sensitively, responding critically in light of gospel values.  | CGE 5a - Catholic Graduate Expectation - A Collaborative Contributor: Works effectively as an interdependent team member.  |
| Students will:<br>Build three-dimensional objects and models.<br>Reflect on the characteristics of originality and imagination as a special gift.<br>Listen attentively to the contributions of other group members.<br>Evaluate contributions of others with sensitivity and consider the evaluation of new ideas in light of the common good. | Students will:<br>Build three-dimensional objects and models.<br>Prepare a plan, carry out the plan and test the product.<br>Communicate their ideas, evaluations and conclusions to peers and adults.<br>Brainstorm and evaluate ideas with sensitivity and honesty. | Students will:<br>Build three-dimensional figures from Nets.<br>Identify materials used and their sources.<br>Be encouraged to choose recycled and recyclable materials.<br>Consider the environment when disposing of the finished product.<br>Demonstrate an understanding that humans are part of God's creation, and have a special role to play as stewards of creation |

### **Curriculum Frameworks**

<http://www.eoccc.org/onlinefw/onlineframeworks.html>

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| Grade 1<br><a href="http://www.eoccc.org/onlinefw/frameworks/Gr.%201%20manual.pdf">http://www.eoccc.org/onlinefw/frameworks/Gr.%201%20manual.pdf</a><br>Framework 1. Theme: Community and the Common Good<br>Framework 6. Theme: Hope | Grade 1-2<br><a href="http://www.eoccc.org/onlinefw/frameworks/Gr.%201-2%20Manual.pdf">http://www.eoccc.org/onlinefw/frameworks/Gr.%201-2%20Manual.pdf</a><br>Framework 1. Theme: Community and the Common Good<br>Framework 6. Theme: Hope |
| Grade 2<br><a href="http://www.eoccc.org/onlinefw/frameworks/Gr.%202%20manual.pdf">http://www.eoccc.org/onlinefw/frameworks/Gr.%202%20manual.pdf</a><br>Framework 1. Theme: Community and the Common Good<br>Framework 6. Theme: Hope | Grade 2-3<br><a href="http://www.eoccc.org/onlinefw/frameworks/Gr.%202-3%20Manual.pdf">http://www.eoccc.org/onlinefw/frameworks/Gr.%202-3%20Manual.pdf</a><br>Framework 1. Theme: Community and the Common Good<br>Framework 6. Theme: Hope |
| Grade 3<br><a href="http://www.eoccc.org/onlinefw/frameworks/Gr.%203%20Manual.pdf">http://www.eoccc.org/onlinefw/frameworks/Gr.%203%20Manual.pdf</a><br>Framework 1. Theme: Community and the Common Good<br>Framework 6. Theme: Hope | Grade 3-4<br><a href="http://www.eoccc.org/onlinefw/frameworks/Gr.%203-4%20Manual.pdf">http://www.eoccc.org/onlinefw/frameworks/Gr.%203-4%20Manual.pdf</a><br>Framework 1. Theme: Community and the Common Good<br>Framework 6. Theme: Hope |

### **Curriculum Support for Catholic Schools**

<http://www.eoccc.org/csfc>

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| Catholic Theme: Hope<br><a href="http://www.eoccc.org/csfc/themes/hope.html">http://www.eoccc.org/csfc/themes/hope.html</a><br>Anchor Concept: Vocation<br><a href="http://www.eoccc.org/csfc/concepts/avocation.html">http://www.eoccc.org/csfc/concepts/avocation.html</a> | Catholic Theme: Community and the Common Good<br><a href="http://www.eoccc.org/csfc/themes/commongood.html">http://www.eoccc.org/csfc/themes/commongood.html</a><br>Anchor Concept: Community<br><a href="http://www.eoccc.org/csfc/concepts/acommunity.html">http://www.eoccc.org/csfc/concepts/acommunity.html</a><br>Anchor Concept: Interdependence<br><a href="http://www.eoccc.org/csfc/concepts/ainterdependence.html">http://www.eoccc.org/csfc/concepts/ainterdependence.html</a> |
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