

Our Language, Our Story: Curriculum Connections

Division: Primary

Subject: Mathematics

Strand: Measurement

Overall Expectations

Grade 1	Grade 2	Grade 3
By the end of Grade 1, students will: <ul style="list-style-type: none"> • estimate, measure, and describe length, area, mass, capacity, time, and temperature, using non-standard units of the same size; • compare, describe, and order objects, using attributes measured in non-standard units. 	By the end of Grade 2, students will: <ul style="list-style-type: none"> • estimate, measure, and record length, perimeter, area, mass, capacity, time, and temperature, using non-standard units and standard units; • compare, describe, and order objects, using attributes measured in non-standard units and standard units. 	By the end of Grade 3, students will: <ul style="list-style-type: none"> • estimate, measure, and record length, perimeter, area, mass, capacity, time, and temperature, using standard units; • compare, describe, and order objects, using attributes measured in standard units.

Virtues and Themes: Possible Connections

Theological Virtue: Love Love is visible in our Catholic schools wherever the kindness, service and self-giving of Jesus are found.	Students can be taught about love by sharing a cake. A cake can be brought in. It might be a small cake, so it has to be measured so that everyone can share it. Someone can take measurements of the cake; someone can measure how big the pieces are. If ice cream is brought in, someone can measure the temperature. Someone can measure the size of plates and napkins and height of cups for drinks. Lastly, everyone can take turns serving one another. Preparing food and serving each other with kindness is one way we make love visible.
Theological Virtue: Justice A just person fulfills their obligations to God in prayer and worship, and to neighbour in mercy and fairness.	A just person treats others with fairness. We can ask students to pretend they are handing out food to people who are hungry. The teacher can bring in have rice, pasta, bottles of water, boxes of dried goods. Students will need to weigh, measure, compare and order objects. Then, the teacher can ask that food be handed out fairly and justly to each member of the class.
Catholic Character Theme: Stewardship Stewardship is about caring for the gifts God has entrusted to us. We are called to be good stewards of our talents, our bodies, our souls, our communities and of God’s creation.	When we look at the world around us, we see many different shapes that we can measure and describe. We look at the buildings made by talented people. We need to know how to measure them, calculate their dimensions, compare and describe their attributes to keep them clean and in good repair (e.g., for paint or soap to paint walls and clean floors). We can measure out how much food we need, such as rice, pasta, water, milk, bread etc. We can measure how much water our plants need, how much food and water our pets need. These operations can help us be good stewards of the buildings, people, pets and creation around us.
Catholic Character Theme: Solidarity Solidarity is about standing together with a person or group of persons who are suffering. We belong to one another as a community, and if one member suffers, all of us suffer. As disciples of Jesus, we are called to solidarity with all persons both near and far away.	When we look at the world around us, we see our many blessings. We have homes, water, fruits and vegetables, and money. We can measure and weigh many of these things and learn to share them with others who have less. This is solidarity.

Support Resources:

Journey Activities

Grade 1	Grade 2	Grade 3

CGE 2c - Catholic Graduate Expectation - An Effective Communicator: Presents information and ideas clearly and honestly and with sensitivity to others.	CGE 5a - Catholic Graduate Expectation – A Collaborative Contributor: Works effectively as an interdependent team member. CGE 5f - Catholic Graduate Expectation – A Collaborative Contributor: Exercises Christian leadership in the achievement of individual and group goals.	CGE 3d - Catholic Graduate Expectation – A Reflective and Creative Thinker: Makes decisions in light of gospel values with an informed moral conscience.
Students will: <input type="checkbox"/> Use a common object (e.g., a shoebox) to measure the height of people/classmates. <input type="checkbox"/> Reflect on the idea that each individual is created in the image of God, and deserves sensitivity and respect. <input type="checkbox"/> All personal information should be treated sensitively and fairly.	Students will: <input type="checkbox"/> Value the contributions of all group members. <input type="checkbox"/> Base their treatment of and interaction with others on gospel values. <input type="checkbox"/> Supports group members who are struggling as well as encouraging those who excel. <input type="checkbox"/> In small groups, estimate equal amounts of juice poured from a one litre container.	Students will <input type="checkbox"/> Identify purchases that they would like to make and estimate the cost. <input type="checkbox"/> Categorize items as “things I need to live” and “things I want”. <input type="checkbox"/> Research the actual cost, compare and discuss the variables. <input type="checkbox"/> Participate in a discussion about needs and wants, and the concept of materialism. <input type="checkbox"/> Consider the difference between what they need and what they want <input type="checkbox"/> Encourage awareness of the needs and wants of children in other countries. <input type="checkbox"/> Begin awareness of the inequitable distribution of wealth in the world.

Curriculum Frameworks

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

Grade 1 http://www.eoccc.org/onlinefw/frameworks/Gr.%201%20manual.pdf Framework 1. Theme: Community and the Common Good Framework 4. Theme: Stewardship for Creation	Grade 1-2 http://www.eoccc.org/onlinefw/frameworks/Gr.%201-2%20Manual.pdf Framework 1. Theme: Community and the Common Good Framework 4. Theme: Stewardship for Creation
Grade 2 http://www.eoccc.org/onlinefw/frameworks/Gr.%202%20manual.pdf Framework 1. Theme: Community and the Common Good Framework 4. Theme: Stewardship for Creation	Grade 2-3 http://www.eoccc.org/onlinefw/frameworks/Gr.%202-3%20Manual.pdf Framework 1. Theme: Community and the Common Good Framework 4. Theme: Stewardship for Creation
Grade 3 http://www.eoccc.org/onlinefw/frameworks/Gr.%203%20Manual.pdf Framework 1. Theme: Community and the Common Good Framework 4. Theme: Stewardship for Creation	Grade 3-4 http://www.eoccc.org/onlinefw/frameworks/Gr.%203-4%20Manual.pdf Framework 1. Theme: Community and the Common Good Framework 4. Theme: Stewardship for Creation

Curriculum Support for Catholic Schools

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

Catholic Theme: Stewardship for Creation http://www.eoccc.org/csfc/themes/creation.html Anchor Concept: Stewardship http://www.eoccc.org/csfc/concepts/astewardship.html Anchor Concept: Solidarity http://www.eoccc.org/csfc/concepts/asolidarity.html	Catholic Theme: Community and the Common Good http://www.eoccc.org/csfc/themes/commongood.html Anchor Concept: Community http://www.eoccc.org/csfc/concepts/acommunity.html Catholic Theme: Love and Justice http://www.eoccc.org/csfc/themes/lovejustice.html
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