

Our Language, Our Story: Curriculum Connections

Division: Primary

Subject: Mathematics

Strand: Number Sense & Numeration

Overall Expectations

Grade 1	Grade 2	Grade 3
<p>By the end of Grade 1, students will:</p> <ul style="list-style-type: none"> • read, represent, compare, and order whole numbers to 50, and use concrete materials to investigate fractions and money amounts; • demonstrate an understanding of magnitude by counting forward to 100 and backwards from 20; • solve problems involving the addition and subtraction of single-digit whole numbers, using a variety of strategies. 	<p>By the end of Grade 2, students will:</p> <ul style="list-style-type: none"> • read, represent, compare, and order whole numbers to 100, and use concrete materials to represent fractions and money amounts to 100¢; • demonstrate an understanding of magnitude by counting forward to 200 and backwards from 50, using multiples of various numbers as starting points; • solve problems involving the addition and subtraction of one- and two-digit whole numbers, using a variety of strategies, and investigate multiplication and division. 	<p>By the end of Grade 3, students will:</p> <ul style="list-style-type: none"> • read, represent, compare, and order whole numbers to 1000, and use concrete materials to represent fractions and money amounts to \$10; • demonstrate an understanding of magnitude by counting forward and backwards by various numbers and from various starting points; • solve problems involving the addition and subtraction of single- and multi-digit whole numbers, using a variety of strategies, and demonstrate an understanding of multiplication and division.

Virtues and Themes: Possible Connections

<p>Theological Virtue: Love The gift of Christian love enables us to love God above all things and to love others as God loves them.</p>	<p>There are so many different groups of people in our world; all of them are made in God's image. Try to count how many people in your class, your family or your school. Divide them into fractions by class or gender, add and subtract groups from the whole. As this is being done, consider with students how God's beauty is in each one of us throughout the earth. We are all God's children, called to love one another.</p>
<p>Cardinal Virtue: Justice A just person fulfills their obligations to God in prayer and worship, and to neighbour in mercy and fairness.</p>	<p>Learning to count money is an excellent way to teach students about justice. We can practice addition, subtraction, counting backwards, forwards and fractions in the context of buying and selling. The aim is to be just to our neighbour - by paying a fair price for goods, work or services and giving proper change for goods.</p>
<p>Catholic Character Theme: Community The Holy Spirit unites us as a community, and gives each of us gifts to help one another grow as followers of Jesus. Community is visible whenever the friendship, love and kindness of Jesus are present in our Catholic schools.</p>	<p>A community is made up of many parts. All of these parts together make our community whole. We have boys and girls, big and small. We can count how many people are in our classroom community. We can divide ourselves into fractions, but we always come back together as whole community. We can add to our community, but we can't subtract and leave people out. That's not community.</p>
<p>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 are suffering. As disciples of Jesus, we are called to solidarity with all persons both near and far away.</p>	<p>There are many different groups of people in our school. There are many different groups of people in our world. We can count the number of students, of classes, of countries. If one of them suffers, we all suffer, and we must help them. Just like fractions and parts of the whole, we belong to one another, and we must stand up for one another.</p>

Support Resources:

Journey Activities

Grade 1	Grade 2	Grade 3
CGE 1e - Catholic Graduate Expectation – A Discerning Believer: Speaks the language of life..."recognizing that life is an unearned gift and that a person entrusted with life does not own it but that one is called to protect and cherish it." (Witnesses to Faith)	CGE 1d - Catholic Graduate Expectation – A Discerning Believer: Develops attitudes and values founded on Catholic social teaching and acts to promote social responsibility, human solidarity and the common good.	CGE 5g - Catholic Graduate Expectation – A Collaborative Contributor: Achieves excellence, originality, and integrity in one's own work and supports these qualities in the work of others. CGE 2c - Catholic Graduate Expectation – An Effective Communicator: Presents information and ideas clearly and honestly and with sensitivity to others.
Brainstorm examples of sequencing of events that occur in the natural world (e.g. the seasons, how a butterfly emerges through various stages). Reflect on the sacredness of life and the diversity of creation. Express thanks to God for the beauty of creation.	In their discovery that division can be perceived as sharing, an opportunity to discuss sharing of world resources arises. Students will: Discuss the sharing of equal and unequal distribution of goods/materials. Using concrete materials such as blocks, count and distribute the blocks unequally and connect this experience to the lived experience of many people in developing countries.	Students will: Demonstrate the need to be sensitive to others when presenting their ideas for solving a problem or justifying a solution. Collaborate as a class community to solve and explain problem solving methods.

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: <i>Community and the Common Good</i> http://www.eoccc.org/csfc/themes/commongood.html Anchor Concept: <i>Community</i> http://www.eoccc.org/csfc/concepts/acommunity.html	Catholic Theme: <i>Love and Justice</i> http://www.eoccc.org/csfc/themes/lovejustice.html Anchor Concept: <i>Solidarity</i> http://www.eoccc.org/csfc/concepts/asolidarity.html
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