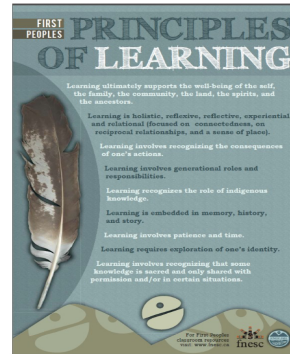


*What ideas and resources inform the assessment design?*

**First Peoples Principles of Learning**

*With the increased inclusion of First Peoples' content in the changing BC curriculum, there is a need to incorporate unappropriated First Peoples' perspectives across the curriculum.*



<https://bit.ly/1tiayxa>

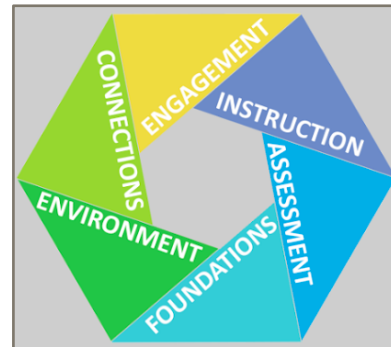
**Core competencies** are sets of intellectual, personal, and social and emotional proficiencies that all students need to develop in order to engage in deep learning and lifelong learning.



<https://curriculum.gov.bc.ca/competencies>

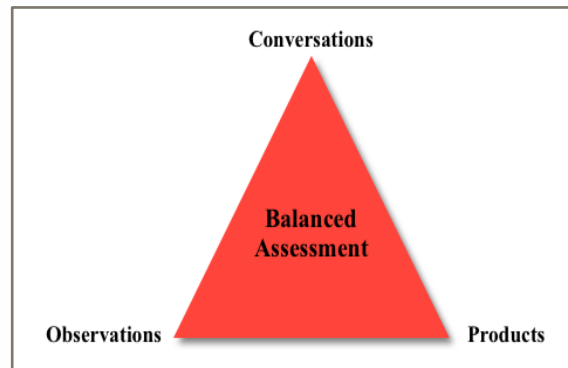
**BC Numeracy Network**

*What are the foundational principles in mathematics teaching and learning?*



<https://sites.google.com/view/bc-numeracy-network>

**Balanced Assessment** means gathering evidence of learning through observations of the student, conversations with the student and products of learning created by the student.



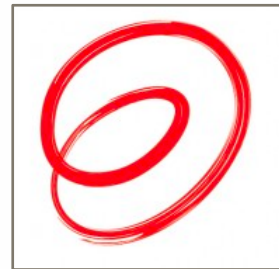
<https://goo.gl/CGNktz>  
<https://goo.gl/qn5LFm>

The term “**growth mindset**” comes from the groundbreaking work of Carol Dweck. She identified everyone holds ideas about their own potential. Some people believe that their intelligence is more or less fixed, and in math – that you can do math, or you can’t.



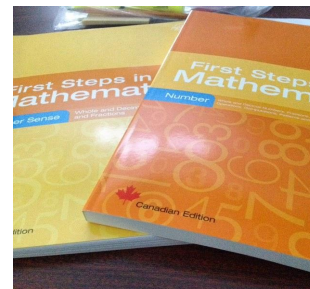
<https://www.youcubed.org/resource/growth-mindset/>

**Inquiry** is about being open to new learning and taking informed action. The Spiral of Inquiry has six key stages: scanning, focusing, developing a hunch, exploring new professional learning, taking action and checking that a big enough difference has been made. At each stage in the spiral, three questions are asked: What is going on for our learners? How do we know? and Why does this matter?



<https://goo.gl/83S9qo>

**First Steps in Mathematics** resources are now available for downloading by customers who previously had participated in STEPS PD courses within Canada.



<https://goo.gl/UVPzgr>

**BCAMT** *British Columbia Association of Math Teachers: A Provincial Specialist Association of the BCTF. This page contains a collection of lesson ideas that have been created by teachers and reflect some of the themes embedded in the curriculum redesign.*



<http://www.bcamt.ca/resources/>

The BC Redesigned Curriculum (2016) <https://curriculum.gov.bc.ca/curriculum/mathematics>

The previous Diagnostic Math Assessment, DMA (2012).

In-class piloting of assessment materials.

Ideas and publications from various school districts, institutions, websites, educators and authors, including:

*Open Questions for Rich Math Lessons*, Marion Small, 2016.

*Good Questions: Great Ways to Differentiate Mathematics Instruction in the Standards-Based Classroom*, Marion Small, 2017.

*Becoming the Math Teacher You Wish You Had: Ideas and Strategies from Vibrant Classrooms*. Tracy Zager, 2017.

*Mathematical Mindsets: Unleashing Students' Potential through Creative Math, Inspiring Messages and Innovative Teaching*, Jo Boaler, 2015.

*Elementary and Middle School Mathematics: Teaching Developmentally, Fifth Canadian Edition (5th Edition)*, John Van de Walle, 2003

Peter Liljedahl ~ <http://www.peterliljedahl.com>

*Principles to Actions: Ensuring Mathematical Success For All* ~ <https://www.nctm.org/PtA/>

Fawn Nguyen ~ <http://fawnnguyen.com>

Open Middle: Challenging Math Problems Worth Solving ~ <http://www.openmiddle.com>  
<https://nrich.maths.org>

*Making Number Talks Matter: Developing Mathematical Practices and Deepening Understanding, Grade 4-10*, Cathy Humphreys and Ruth Parker, 2015.

*Number Talks, Grades K-5: Helping Children Build Mental Math and Computation Strategies*, Sherry Parrish, 2010.

*Intentional Talk: How to Structure and Lead Productive Mathematical Discussions*, Elham Kazemi and Allison Hinz, 2014.