

Transforming Curriculum and Assessment

K-9 Science

Curriculum draft available at: curriculum.gov.bc.ca

Overall, there are several changes in the redesigned curriculum in science in terms of the competencies, concepts and content. The general emphasis of the science curriculum continues to be an inquiry focus. Teaching through the big ideas is intended to move toward deeper, more connected learning.

What is the same?	What is different?
All areas of science are still represented (biology, chemistry, physics, earth&space science)	For K-7, the curricular headings are now aligned with the secondary subject areas and there are concepts and content in each area at each grade level
Processes of Science (now called Curricular Competencies)	K-7, all competencies are now included (instead of previous 2 per grade level) and grow in sophistication
	Shifts and removal of content; some movement due to new science content being added to higher grade levels
	Less specific content around environmental science and indigenous knowledge

Supplemental resources currently being developed to support Richmond teachers in working with the redesigned science curriculum include:

- an anthology of learning experiences to nurture creative thinking in the classroom, with many ideas focusing on science, developed by the Richmond Primary Teachers Study Group
- a K-12 ethnobotany project being developed in collaboration with the Richmond Nature Park and the Musqueam Band looking at plants native to Richmond and traditional indigenous uses of the plants
- an informational paper on *Assessing Curricular Competencies in Science*

Information about projects working with the redesigned curriculum can be found:

- information posted in the Curriculum Support folder on your school's discussion site on Richnet
- posts on the district blog: blogs.sd38.bc.ca/sd38mathandscience
- searching for the hashtag #sd38mathandscience on Twitter, or follow @jnovakowskis38
- by contacting Janice Novakowski via email on Richnet

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