**Math 9: Curriculum Comparison**

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| **Mathematics 9** | | |
| **WHAT’S BEEN REMOVED?** | **WHAT’S CHANGED?**  **(has been revised)** | **WHAT’S NEW?**  **(has been added)** |
| * Perfect squares and square roots (moved to Grade 8) * Pattern generalizations using equations   (moved to Grade 8)   * Verification using substitution (moved to Grade 8) * Single variable linear inequalities * Circle Geometry   (moved to Grade 12 Geometry or Apprenticeship)   * Surface area of composite 3D objects * Line and rotation symmetry   (moved to Grade 6) | * Emphasis on current content and real contexts to reflect student realities. * Similar shapes have proportional comparisons between their attributes. * Focus on how proportional reasoning enables us to make sense of multiplicative relationships. * Meaning of operations with numbers extends from integers and fractions to rational numbers. * Shift to linear relationships involving rational numbers. * Focus moves from discrete linear relationships to continuous linear relationships and how they can be represented in many ways. * Financial literacy integrated throughout resource, but most prominently with detailed addition of banking and budgeting. | * Representing data   (was Grade 8)   * Financial literacy (banking and budgeting) * **Yukon First Nations ways of knowing and doing** are meaningfully and authentically integrated throughout this curriculum. * Focus on **curricular competencies**, including: reasoning and analyzing; understanding and solving; communicating and representing; and connecting and reflecting. * Focus on **core competencies.** |