

**Rivers to Oceans – Alberta Program of Studies
Curriculum Fit**

| | Topic | Grade/Subject | | | | | |
|--------------------|--------------|---|---|---|--|---|---------------------|
| | | 7 | 8 | 9 | 10 | 11 | 12 |
| The Rockies | Resources | Sci-A Sci-B Sci-C NoS SocSt Mth-str2 | Sci-A Sci-E SocSt-A SocSt-B SocSt-C Mth-str1 Mth-str2 | Sci-A SocSt-A SocSt-C RsocSt-9.2 | Sci-B Sci-D SocSt-A SocSt-B Mth-a-t1 Mth-a-t2 Mth-a-t3 | Sci-A Sci-B Sci-C SocSt-A SocSt-B Mth-a-t1 | Mth-a-t2 |
| | Agriculture | Sci-A Sci-B NoS SocSt | Sci-A SocSt-A | STS-SciA Sci-C, STS RsocSt-9.2 | Sci-C Mth-a-t2 Mth-a-t3 | Sci-A Sci-B Sci-C Sci-D SocSt-A Mth-a-t1 | Sci-NoS Mth-a-t2 |
| | Population | Sci-A Sci-B NoS SocSt Mth-str2 | SocSt-A SocSt-C Mth-str1 Mth-str2 | SocSt-C RsocSt-9.2 | Sci-B Sci-D-NoS SocSt-A Mth-a-t2 Mth-a-t3 | Sci-A Sci-C Sci-D SocSt-A SocSt-B Mth-a-t1 | Mth-a-t2 |
| | Disease | Sci-A Sci-B NoS Mth-str2 | Sci-A Sci-B | Sci-A Sci-C, STS SocSt-C | Sci-C Mth-a-t2 | Sci-C Sci-D SocSt-B Mth-a-t1 | Sci-NoS Mth-a-t2 |
| | Okanagan | Sci-A | | | | Sci-A | |

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| | | 7 | 8 | 9 | 10 | 11 | 12 |
| | Quantity | Sci-B NoS | | | | Sci-B Sci-C | |
| | Okanagan Quality | Sci-A NoS | | | | | |
| | Climate Change | Sci-A Sci-B Sci-D NoS Mth-str2 Mth-str3a* | Sci-E SocSt-A SocSt-C Mth-Str1 Mth-str2 Mth-str3a* | Sci-A Sci-C (STS) SocSt-A SocSt-C Mth-str3a* RsocSt-9.1 RsocSt-9.2 | Sci-D SocSt-A SocSt-B Mth-a-t2 Mth-a-t3 | Sci-A Sci-B Sci-C SocSt-A SocSt-B Mth-a-t1 | SocSt-A SocSt-B Mth-a-t2 |
| The North | Bennett Dam | Sci-A Sci-D STS NoS Mth-str2 | STS (Sci D) Sci-E | Sci-A Sci-D SocSt-A SocSt-C RsocSt-9.2 | Sci-B Mth-a-t2 Mth-a-t3 | Sci-A-NoS-ST Sci-C | Mth-a-t2 |
| | Oilsands | Sci-A Sci-C Sci-D NoS Mth-str2 | STS (Sci D) Mth-str1 | Sci-C, STS SocSt-A SocSt-C RsocSt-9.1 RsocSt-9.2 | Sci-A STS Sci-D No-S Mth-a-t2 Mth-a-t3 | Sci-A-NoS-STS Sci-C Mth-a-t1 | Mth-a-t2 |
| | The Delta | Sci-A NoS SocSt | Sci-E | Sci-A SocSt-C | Sci-D | Sci-A | |
| | The Slave | Sci-A NoS SocSt | Sci-E SocSt-A | Sci-A SocSt-C | Sci-D | Sci-C- SocSt-B | |

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| | | 7 | 8 | 9 | 10 | 11 | 12 |
| | Price of Gold | Sci-A NoS | | RsocSt-9.2 | | Sci-C | Mth-a-t2 |
| | Diamonds | Sci-A NoS | | RsocSt-9.2 | Mth-a-t2 Mth-a-t3 | Sci-C Mth-a-t1 | Mth-a-t2 |
| | Climate Change | Sci-A Sci-C Sci-D NoS SocSt Mth-str2 Mth-str3a* | STS (Sci D) Sci-E SocSt-A SocSt-C Mth-str1 Mth-str3a* RSocSt – 8.1 | Sci-A SocSt-C Mth-str3a* RsocSt-9.1 RsocSt-9.2 | Sci-B Sci-D SocSt-A SocSt-B Mth-a-t2 Mth-a-t3 | Sci-B SocSt-A SocSt-B Mth-a-t1 | SocSt-A SocSt-B Mth-a-t2 |
| The Prairies | Alpine Water | Sci-A Sci-E Mth-str2 | Sci-A Sci-E Mth-str1 | Sci-A Sci-C, STS | Sci-D Mth-a-t3 | Sci-A Sci-D Mth-a-t1 | |
| | Ecosystem Change | Sci-A Sci-B NoS Mth-str2 | Sci-A Sci-E SocSt-A Mth-str1 Mth-str2 | Sci-A NoS, Sci-C (STS) SocSt-A SocSt-C RsocSt-9.1 RsocSt-9.2 | Sci-B Sci-D SocSt-B Mth-a-t2 Mth-a-t3 | Sci-A Sci-B Sci-C Sci-D SocSt-B Mth-a-t1 | Sci-NoS Mth-a-t2 |
| | Alberta Irrigation | Sci-A Sci-B NoS | Sci-A SocSt-A | STS-SciA Sci-C (STS) SocSt-C | Mth-a-t2 Mth-a-t3 | Sci-A-NoS Sci-C Sci-D SocSt-A | Sci-NoS |
| | Livestock | Sci-A Sci-B NoS | | Sci-C(STS) | Sci-B Sci-C | Sci-C Sci-D | |
| | Captain | | | | | | |

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| | | 7 | 8 | 9 | 10 | 11 | 12 |
| | Palliser | | | | | | |
| | Saskatchewan Irrigation | Sci-A Sci-B NoS | Sci-A | | | | |
| | North Battleford | Sci-A Sci-B NoS | Sci-A Sci-B | Sci-C, STS | | Sci-D | Sci-NoS Mth-a-t2 |
| | Climate Change | Sci-A Sci-B Sci-C NoS Mth-str2 Mth-str3a* | Sci-B Sci-E SocSt-A Mth-str1 Mth-str3a* | Sci-A Sci-C (STS) SocSt-C Mth-str3a* RsocSt-9.1 RsocSt-9.2 | Sci-D SocSt-B Mth-a-t2 Mth-a-t3 | Sci-C SocSt-A SocSt-B Mth-a-t1 | SocSt-A SocSt-B Mth-a-t2 |
| The Great Lakes | Urban Sprawl | Sci-A Sci-B Sci-C NoS Mth-str2 | Sci-E SocSt-A Mth-str1 Mth-str2 | Sci-A SocSt-A SocSt-C RsocSt-9.1 RsocSt-9.2 | Sci-D NoS Mth-a-t2 Mth-a-t3 | Sci-A Sci-B-STS Sci-C Sci-D SocSt-A SocSt-B Mth-a-t1 | Mth-a-t2 |
| | Invasive Species | Sci-A Sci-B NoS | Sci-E | Sci-A NoS | | Sci-C | Mth-a-t2 |
| | Complexities | Sci-A Sci-B NoS | Sci-E SocSt-A | Sci-A SocSt-A SocSt-C | | SocSt-A SocSt-B | |
| | Rural Watershed | Sci-A Sci-B | Sci-A Sci-E | Sci-A Sci-D | | Sci-A Sci-B-STS-NoS | |

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| | | 7 | 8 | 9 | 10 | 11 | 12 |
| | | NoS | | | | Sci-D | |
| | Walkerton | Sci-A Sci-B NoS | Sci-A Sci-B | Sci-C (STS) | Sci-C | Sci-B-STS-NoS Sci-D-STS | Sci-NoS Mth-a-t2 |
| | Climate Change | Sci-A Sci-B Sci-C Sci-D NoS Mth-str2 Mth-str3a* | Sci-B Sci-E SocSt-A SocSt-B Mth-str1 Mth-str3a* | Sci-A Sci-C (STS) Sci-D SocSt-A SocSt-C Mth-str3a* RsocSt-9.1 RsocSt-9.2 | Sci-D SocSt-B Mth-a-t2 Mth-a-t3 | Sci-A Sci-C SocSt-A SocSt-B Mth-a-t1 | SocSt-A SocSt-B Mth-a-t2 |
| The Maritimes | Infrastructure | Sci-A NoS | Sci-A Sci-B Mth-str2 | Sci-C (STS) SocSt-C | SocSt-A SocSt-B | Sci-A SocSt-B Mth-a-t1 | |
| | Ottawa -Laval | | SocSt-A | SocSt-C | SocSt-B | | |
| | Pathogens | Sci-A Sci-B NoS Mth-str2 Mth-str3a* | Sci-A Sci-B Mth-str3a* | Sci-A Sci-B Sci-C (STS) SocSt-C Mth-str3a* | Sci-A Sci-C | Sci-C Sci-D-STS SocSt-B Mth-a-t1 | Sci-NoS Mth-a-t2 |
| | Agriculture | Sci-A Sci-B NoS SocSt Mth-str2 Mth-str3a* | Sci-A SocSt-A Mth-str3a* | STS-SciA Sci-C (STS) SocSt-C Mth-str3a* RsocSt-9.2 | | Sci-A Sci-C Sci-D-STS SocSt-A Mth-a-t1 | Sci-NoS Mth-a-t2 |
| | Lac St. Pierre | | | | | | |

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| | Belugas | Sci-A Sci-B NoS | Sci-A Sci-E Mth-str1 | Sci-A Sci-C (STS) SocSt-C | Sci-C Mth-a-t2 Mth-a-t3 | Mth-a-t1 | Mth-a-t2 |
| | Climate Change | Sci-A Sci-B Sci-D NoS Mth-str2 Mth-str3a* | Sci-B Sci-E SocSt-A Mth-str1 Mth-str3a* | Sci-A Sci-C (STS) SocSt-C Mth-str3a* RsocSt-9.1 RsocSt-9.2 | SocSt-A SocSt-B Mth-a-t2 Mth-a-t3 | Sci-A Sci-C SocSt-B Mth-a-t1 | SocSt-A SocSt-B Mth-a-t2 |
| The National Perspective | Saint John River Stressors | Sci-A NoS | Sci-A Sci-E | Sci-C (STS) SocSt-C RsocSt-9.2 | Mth-a-t3 | Sci-A Sci-D-STS Mth-a-t1 | Sci-NoS Mth-a-t2 |
| | Cumulative Effects | Sci-A NoS SocSt-A Mth-str2 | Sci-A Sci-B SocSt-A SocSt-B SocSt-C Mth-str1 Mth-str2 | Sci-C (STS) SocSt-A SocSt-C RsocSt-9.2 | Sci-C SocSt-A Mth-a-t2 Mth-a-t3 | Sci-A-NoS Sci-D-NoS SocSt-A SocSt-B Mth-a-t1 | SocSt-A SocSt-B Mth-a-t2 |
| | The Miramichi | | | | | | Sci-NoS |
| | Infrastructure | SocSt | Sci-B SocSt-A | SocSt-A SocSt-C | SocSt-A SocSt-B Mth-a-t2 Mth-a-t3 | SocSt-B Mth-a-t1 | Mth-a-t2 |
| | Well Water Stressors | Sci-A Sci-B NoS | Sci-A Sci-B | Sci-C (STS) RsocSt-9.2 | | Sci-A Sci-D-NoS | Mth-a-t2 |
| | Siltation | Sci-A Sci-B | Sci-A | Sci-C (STS) | Mth-a-t2 | Mth-a-t1 | Mth-a-t2 |

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| | | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | Mth-a-t3 | | |
| | Annapolis Valley | | | | | | |
| | Halifax | SocSt | | | | | |
| | Climate Change | Sci-A Sci-B Sci-D NoS SocSt Mth-str2 Mth-str3* | Sci-A Sci-B SocSt-A SocSt-C Mth-str1 Mth-str2 Mth-str3* RSocSt – 8.1 RSocSt – 8.2 | Sci-E (STS) SocSt-A SocSt-C Mth-str3* RsocSt-9.1 RsocSt-9.2 | Sci-B Sci-C SocSt-A Mth-a-t2 Mth-a-t3 | Sci-A Sci-D SocSt-A SocSt-B Mth-a-t1 | SocSt-A SocSt-B Mth-a-t2 |

Note re correlations:

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|--|--|--|--------------------------------|
| Sci- science unit | NoS – nature of science | Bio – biology unit | ELA –language arts connections |
| STS- science, technology society connections | SocSt – social studies connections by topic RSocSt- Revised Social Studies Curriculum | Mth – math, skills/process connections, based on math strands 1-6 Mth-str * - can apply to all categories in the section Mth-a-t – applied math by topic | |