JA Entrepreneurial Trades Program and BC’s New Curriculum

JA Entrepreneurial Trades Program supports aspects of BC’s New Curriculum for Grades 10-12. This document highlights the connections, as excerpted and paraphrased below:

Core Competencies

- Communication
  - Connect & engage with others to share & develop ideas
  - Acquire/interpret/present information & use technologies
  - Collaborate to plan/carry out/review activities
  - Explain/recount/reflect on experiences
  - Enhance collective understanding

- Thinking Creatively
  - Discover novelty & value
  - Generate ideas
  - Develop ideas

- Thinking Critically & Reflectively
  - Analyze & critique
  - Question & investigate
  - Develop & design
  - Examine one’s own thinking & of others

- Positive Personal & Cultural Identity
  - Recognize personal values & choices
  - Recognize personal strengths & abilities

- Personal Awareness & Responsibility
  - Personally aware & confident – self-determination
  - Responsible for own choices & well-being

- Social Responsibility
  - Contribute to the community & care for the environment
  - Solving problems - Building relationships
  - Value diversity

Areas of Learning E-Trades Supports

- Applied Design, Skills and Technologies, including:
  - Technology Explorations 10
  - Woodwork 10-11
  - Metalwork 10-11
  - Tourism 11-12
- Automotive Technology 11
- Electronics 11
- Engineering 11
- Art Metal & Jewellery 12
- Furniture & Cabinetry 12
- Machining & Welding 12
- Industrial Coding & Design 12
- Cooking 10-12
- Baking 10-12
- Plumbing 10-12
- Robotics 10-12

- Career Education, including:
  - Career-Life Education 10-12
  - Career-Life Connections 10-12

- Additional Offerings:
  - Work Experience 12A, 12B
  - Youth Work in Trades 11A/B, 12A/B

Area of Learning Detail: Applied Design, Skills and Technologies

Goals

- Acquire practical skills and knowledge to bring ideas from concept to fruition
- Develop sense of efficacy & personal agency about their ability to participate as innovators/agents of change to solve practical problems
- Investigate areas of business to develop hands-on skills and make informed decisions about pursuing personal interests/careers
- Develop life-long interest in designing/making/evaluating products/services/processes to solve problems

Big Ideas

- Technologies help us accomplish many tasks & can be adapted (Grade 10-12)
- Personal interests require the evaluation & refinement of skills (Grade 11-12)
- Design should include consideration of social & environmental impacts (Grade 11)
- Pursuing trade pathways involves ongoing cycle of questioning, planning, reflecting, adapting and deciding on next steps (Grade 11-12)
### Curricular Competencies

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<thead>
<tr>
<th>Competency</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Identify skills needed in relation to specific projects, &amp; develop &amp; refine them</td>
<td>Grade 10-12</td>
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<tr>
<td>Choose, learn about &amp; adapt the appropriate skills, tools, technologies to use for tasks. Consider new emerging resources as well.</td>
<td>Grade 10-12</td>
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<tr>
<td>Make plans to develop &amp; refine identified skills needed to pursue an interest or career pathway</td>
<td>Grade 11-12</td>
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<tr>
<td>Engage in ongoing reflection &amp; documentation of work-related experiences to identify personal strengths, interests, employability skills &amp; areas for future development as they relate to future career pathways</td>
<td>Grade 11-12</td>
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### Content

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<tr>
<th>Content</th>
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<tbody>
<tr>
<td>Identification &amp; development of techniques, processes &amp; tools that are specific to a particular trades area</td>
<td>Grade 10-12</td>
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<tr>
<td>Identification of essential skills required in the workplace and in the changing labour market</td>
<td>Grade 11-12</td>
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<tr>
<td>Identify, explore, research future career options, opportunities &amp; pathways</td>
<td>Grade 11-12</td>
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<td>Undertake responsibilities &amp; expectations associated with participating in a workplace</td>
<td>Grade 12</td>
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### Area of Learning Detail: Career Education

#### Goals
- Recognize need to be adaptable/resilient/flexible to meet changing demands of work environment & its opportunities/challenges
- Understand how purposeful career-life development contributes to personal success
- Build personal career-life development capacity
- Develop & use awareness of personal strengths/competencies/interests/values to inform career-life choices and work towards goals
- Identify/explore/research opportunities and a range of experiences in workplace contexts to advance personal career-life pathways

#### Big Ideas
- Personal awareness & career pathway options are developed through an inquiry mindset (Grade 12)
- Pursuing career & trade pathways involves an inquiry cycle of questioning, planning, reflecting, adapting & deciding next steps (Grade 10-12)
- Career-life decisions influence and are influenced by internal/external factors, local/global trends (Grade 10-12)
- Networks & reciprocal relationships broaden & guide career-life awareness & options (Grade 10-12)
- Experiences outside of school expand workplace skills & career-life options (Grade 12)
Curricular Competencies

| Identify career-life challenges & opportunities | Grade 10-12 |
| Assess personal skills that are transferable & identify what needs refinement | Grade 10-12 |
| Engage with personal/employment networks to cultivate needed resources/supports | Grade 10-12 |
| Explore future employment options | Grade 10-12 |
| Explore & connect experiential learning with possible & preferred career-life pathways (Work Experience) | Grade 10-12 |
| Develop flexible plans for preferred career-life pathways | Grade 10-12 |
| Collaborate to develop trade-specific training plans (Youth Work in Trades) | Grade 11-12 |

Content

| Develop competencies – personal essential skills, employability skills | Grade 10-12 |
| Workplace expectations & responsibilities – teamwork, behaviour, safety | Grade 10-12 |
| Local/global labour & market trends & other factors that inform career-life choices | Grade 10-12 |
| Active research contributing to student’s career-life development/planning /goal-setting | Grade 10-12 |
| Pre- and post-graduation options | Grade 10-12 |
| Work experience placement/paid apprenticeship training – relationship of these to career pathways of student | Grade 10-12 |

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