

**PRIORITY:** Instruction

**GOAL:** To increase students' abilities to apply critical, creative and reflective thinking.

**STRATEGY:** Increase instructional practices that promote critical, creative and reflective thinking.

# Teaching Thinking

We have been teaching thinking for a number of years **implicitly**, however, the mandate and the work that lies ahead is to teach thinking **explicitly**.

## Promoting a culture of thinking:

### New Curriculum Implementation

#### Core Competencies

- Critical and Creative Thinking

#### Curricular Competencies

- Based on the Core Competencies
- Thinking (critical, creative, and reflective) is found in all curricular subjects
- Computational Thinking (Coding) in Applied Design, Skills and Technologies



### Thinking Rubric

Aspect	Not Yet Within Expectations	Meets Expectations (Minimal Level)	Fully Meets Expectations	Exceeds Expectations
<b>CRITICAL THINKING</b> The student is able to demonstrate the ability to make connections and accept the viewpoints of others in order to solve problems based on evidence.	<ul style="list-style-type: none"> <li>• Questions are not relevant and/or logical</li> <li>• Has difficulty making connections</li> <li>• Has difficulty making inferences/predictions</li> <li>• Has difficulty making decisions based on evidence</li> </ul>	<ul style="list-style-type: none"> <li>• Asks relevant and/or logical questions some of the time</li> <li>• Makes simple connections</li> <li>• Makes simple inferences/predictions</li> <li>• Requires support to make decisions based on criteria and/or evidence</li> </ul>	<ul style="list-style-type: none"> <li>• Asks relevant and logical questions</li> <li>• Makes relevant connections</li> <li>• Makes logical inferences/predictions based on evidence</li> <li>• Makes decisions based on criteria and evidence</li> </ul>	<ul style="list-style-type: none"> <li>• Asks relevant and insightful questions</li> <li>• Makes complex and relevant connections</li> <li>• Makes complex inferences/predictions based on evidence</li> <li>• Makes and justifies decisions based on evidence</li> </ul>

- Created in Chilliwack by a team of educators
- Focus on:
  - Critical, Creative, & Reflective Thinking

### Assessment and Instruction That Features Thinking:

- SNAP (Student Numeracy Assessment and Practice)
- RAD (Reading Assessment District)
- School Wide Write
- Design Thinking Projects
- Inquiry Based Learning

### Lesson Design

We can support the teaching/use of Thinking Strategies "by design". Here are some common lesson design frameworks:

- Connect, Process, Transform, Reflect
- Prepare, Learning Sequence, Authentic Application, New Thinking
- Empathize, Define, Ideate, Prototype, Test

Lessons that follow these learning frameworks use thinking strategies to process material and get to big ideas through analysis, synthesis, inference and reflection.

### District Initiatives:

- Pro-D/In-Service
  - Helping Teacher In-service
  - PVP Meetings and Toolkits
  - Multiple Pro-D Days
  - After school sessions
  - SPARK
- Inquiry
  - Teacher Focus Groups
  - PVP
- Resource Development



## Where are we on this journey?

Improving Student Achievement and Well Being Through High Quality Instruction

Goal #2 (Thinking)

To what extent are teachers using instructional strategies that engage students and promote critical, reflective, and creative thinking?

Not Aligned

Approaching Alignment

Fully Aligned

Innovative

