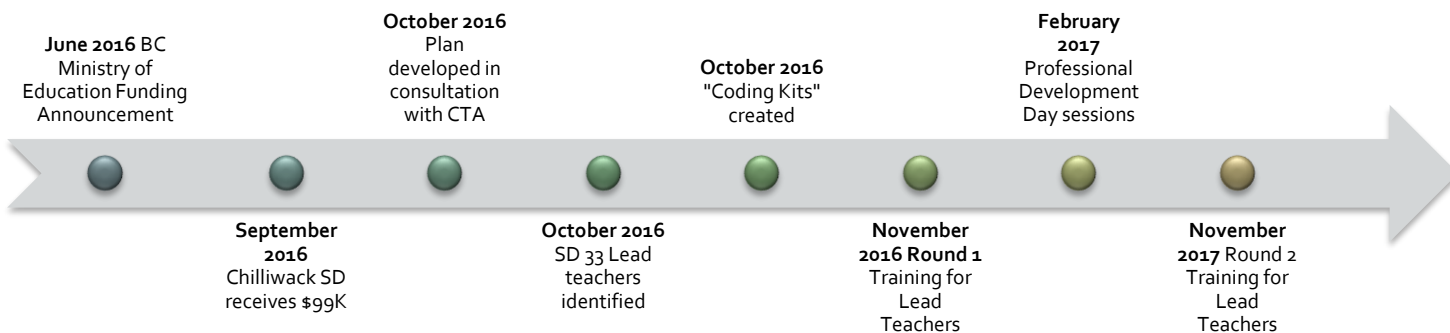


**PRIORITY:** Improving student achievement and well-being through high quality instruction.  
**GOAL:** To increase students' abilities to apply critical, creative and reflective thinking.  
**ACTION:** Curriculum Implementation

**APPLIED DESIGN, SKILLS AND TECHNOLOGIES (ADST) CURRICULUM (CODING FOCUS)**



**ADST IMPLEMENTATION**

**NOVEMBER 2016**

**Funding Announcement**

On June 10, 2016 the BC Ministry of Education announced provincial funding of \$6 million to assist with the implementation of the new Applied Design, Skills and Technologies Curriculum.

**Grant for Chilliwack SD**

Chilliwack SD receives notice that we will receive a grant for ADST implementation. Additionally, there will be 4 Train the Trainer sessions offered to BC School Districts.

**Consultation**

In consultation with the Chilliwack Teachers Association, a plan was created to support K – grade 9 teachers implement ADST curriculum.



**Lead Teachers**

Lead Teachers are identified to receive training and share their learning with teacher colleagues in our district.

**Resources: Elementary**

"ADST Starter Kits" are built. One kit per school, containing approximately \$2000.00 in resources including books, games, programmable robots and teacher materials.

**Resources: Middle**

Middle schools will be provided with a \$2000.00 budget to enhance resources already in place such as robotics labs.

**Pro D**

Our Teacher Leaders will offer sessions to share new curriculum and techniques with teacher colleagues.

**Elementary ADST Starter Kit – Resources**

- 6 x STEM Robot Mouse Coding Activity Set (programmable)
- 4 x OZOBOT Robot (programmable)
- 2 x DASH Robot (programmable)
- 1 x Coder Card Game
- Assorted Accessories (batteries, felts)

**Elementary ADST Starter Kit – Books**

- Secret Coders & Secret Coders Paths and Portals*, Gene Luen Yang and Mike Holmes
- What Do You Do With An Idea*, Kobi Yamada
- Coding for Beginners using Scratch*, Usborne Books
- Rosie Revere, Engineer*, *Iggy Peck, Architect* & *Ada Twist, Scientist*, Andrea Beaty
- Scratch Programming Playground*, Al Sweigart
- Coding Projects in Scratch*, John Woodcock
- Coding iPhone Apps for Kids*, Gloria Winquist, Matt McCarthy