

This webinar guide is designed for use by instructional leaders and professional learning communities or as a self-paced study to explore Instructional Practices in Elementary Mathematics.

“The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires.”

William Arthur Ward

Full Webinar: 1:06:18 minutes

Start Times

Instructional Practices	0:00
Classroom Culture	7:37
Assessment	16:25
Responsive Instruction	17:21
Parent Communication	40:47
Resource Selection	44:45



Synopsis: Instructional Practices include classroom culture, assessment, and responsive instruction. This webinar provides an overview of classroom culture and responsive instruction.

Key Understandings

Instructional practices encompass a positive classroom culture, a wide-range of assessment, and a responsive instruction.

Teachers continuously use their professional judgment to

- foster a positive classroom culture,
- create opportunities for observations, conversations and other forms of assessment, and
- design and implement responsive instruction

in order to develop student conceptual understanding of mathematical outcomes.

Questions for Discussion

- What are some good instructional strategies that promote communication (reasoning, connections, ...) in the math classroom?
- What are my non-negotiable criteria when selecting a resource?

Reflection

- How can I make sure my classroom culture promotes normalizing errors?
- What can I do to ensure my students move between concrete, pictorial and symbolic representations in order to develop a deeper understanding of an abstract concept?
- What can I add to my teaching tool box to better meet the needs of my students?

Parent Communication

- Parents need to be informed about how you teach mathematics and why you teach mathematics the way you do.

Resource Selection

- Teachers need to use their professional judgement when selecting resources as long as the needs of the students and the math outcomes are at the forefront of all decisions.

Acknowledgement:

The *Elementary Mathematics Professional Learning* project is led by ARPDC and funded through a grant from Alberta Education to support implementation.



For more information

- Please visit our online learning guide at: <http://learning.arpdc.ab.ca>
- Visit your local consortium's website to view upcoming learning opportunities, or to discuss customized follow-up possibilities.

