## GOALS

What are our goals for this “transitions” course?

- What are some “wishes” from Algebra teachers?

- Misconceptions for the purpose of the course: What it is, what it is not.

- What do we want students to get out of this course?

## Where are we now, where are we going?

See the template *Progression of Topics from Foundations to Algebra I*.

- Notes/Observations on *Progression of Topics from Foundations to Algebra I*.
Where are we now, where are we going?

The following is the *Progression of Topics from Foundations to Algebra I*. This template is intended to be helpful for planning and vision.
### Strategies

**What are strategies to help reach the goals?**

- Take your time

- Encourage different ways to think about math with open-ended tasks
  - Which One Doesn't Belong?
  - I Notice and I Wonder
  - Always, Sometimes, or Never True?
  - Turning traditional problems into open-ended problems

- Provide structure and expectations

- Threading the standards: Review problems

- Foster an atmosphere for students to gain confidence
Helpful Resources

- Smart Classroom Management

- *Progression of Topics from Foundations to Algebra I* planning document

- The Standards

- “Which One Doesn't Belong?” [http://wodb.ca](http://wodb.ca)
Making Instruction Count
Content Connections and Strategies

11. Study the fraction model.

Which value is equivalent to the shaded part of the fraction model?

- A \( \frac{2}{6} \)
- B \( \frac{3}{4} \)
- C \( \frac{6}{8} \)
- D \( \frac{4}{5} \)

Revise a math problem with one answer to a problem with multiple answers.

56. Consider the graph of the linear function \( p(x) \) shown on the coordinate grid.

Which functions have a larger y-intercept than \( p(x) \)? Select ALL that apply.

- A \( f(x) = -4(x + 6) \)
- B \( g(x) = -3x + 5 \)
- C \( h(x) = -x + 3 \)
- D \( j(x) = 2(x + 3) \)
- E \( k(x) = 4x - 4 \)
- F \( m(x) = 6(x + 2) \)
- G \( n(x) = 8x \)

Create a linear equation with a larger y-intercept than \( p(x) \).
Which One Doesn’t Belong?

- $3x$
- $-3$
- $-3x^2$
- $-5x$

- $y = 4x$
- $y = x + 7$
- $y = -2x + 4$
- $y = 3x - 1$

http://wodb.ca