



# MATHEMATICS

## ESSENTIAL STANDARDS

### *IN ACTION*

The designated Essential Standards are reflective of the updated reporting on the AASA. We encourage schools to utilize all the available resources to support math teaching and learning of the Arizona Mathematics Standards on the [ADE Math Webpage](#).

When planning for instruction, consider ADE's document [The Shifts for Arizona Mathematics](#).

## TEACHERS

- Regularly review the Arizona Mathematics Standards to reinforce and build upon prior knowledge, ensuring they remain a central focus in your instructional planning.
  - Ensure all grade level content standards are taught within the school year.
- Make connections within grade level standards to teach together, don't teach standards in isolation
- Refer to the content emphasis documents for recommended instructional minutes.
  - Major content should be 65-75% of instructional time
  - Supporting content should be 25-35% of instructional time

## DISTRICT LEADERS

(COACHES, INSTRUCTIONAL LEADERS, SPECIALISTS CURRICULUM AND INSTRUCTION)

- Ensure all grade-level content standards are taught within the school year.
  - Make connections within grade-level standards to teach together, don't teach standards in isolation
- Refer to the content emphasis documents for recommended instructional minutes.
  - Major content should be 65-75% of instructional time
  - Supporting content should be 25-35% of instructional time
- Collaborate annually with teachers to monitor and adjust pacing guides based on all the Arizona Mathematics Standards.

## ADMINISTRATORS

- Ensure all grade-level content standards are taught within the school year.
- Make connections within grade-level standards to teach together, don't teach standards in isolation
- Allocate regularly scheduled meetings for teachers to make sense of the Arizona Mathematics Standards and their effective implementation
- Have teachers do the math before you teach the math
- Plan for professional learning opportunities for your teachers with the ADE Math Team.

***Reach out to the ADE Math Team for support or questions.***