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We Do: (10 minutes)

Ask students to read (silently, chorally, volunteer) the title and the objective of the lesson.

Ask another volunteer or random student to read the We Do. Emphasize that is pronounced "..."

Ask a random student: "What does this graph represent?" [the height of a ball thrown from a rooftop]

Ask a random student: "What equation is expressed by this graph?" $\left[() = -^2 + 4 + 24^{ J} \right]$

"This equation is stating that the ball's height will change depending on how long it is in the air. Or rather the "

Turn and Talk—"What does the axis represent? What does the -axis represent?" [elicit responses and confirm with various students—How do you know?]

Ask a random student (give think time) "What is the problem asking us to find?" [the height of the ball after 2 seconds]

Teamwork: (30 minutes)

Students work in teams together to find solutions to the remaining problems.

Some good team norms are:

- --Same problem, same time.
- --Help each other.
- -- Math discussions only.
- -- Team questions only.

Solutions found on pgs. 5-6

Assessment--Exit Ticket: (4 minutes)

Distribute exit tickets, remind students this is quiet time, and collect at the door as student are excused.

Assess your success by quickly checking exit tickets and modifying your next class' lesson accordingly.

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