Unit 4 Statistics and Kinematics, Lesson 4.1 Statistics Lesson Plan - Page 1

- Demonstrate expectations / skills.
- Lead a class discussion via the teacher-led PowerPoint presentation called "Probability".
- Provide instructions for Activity 4.1.1 Data Exploration.
- Lead a class discussion via the teacher-led PowerPoint presentation called "Statistics".
- Provide instructions for Activity 4.1.2 Candy Statistics.
- Assess student presentations/work.
- Provide instructions for the *Lesson 4.1 Test*.

Guided Practice

The teacher will:

- Review agenda, learning objectives, and essential questions daily.
- Lead students to recall prior knowledge / experience to make connections to new content.
- Introduce content to be learned.
- Clarify and check for understanding by asking open-ended questions (or by some other type of formative assessment) throughout instruction. Reteach material as needed.
- Pace the classroom instruction to clarify misunderstanding and provide opportunities for student feedback.
- Introduce new content to be learned and how it connects to learning objectives and answers some (or all) of the essential questions.
- Demonstrate skill practices students will gain from this lesson.
- Demonstrate assignment(s) outcome expectations.
- Review resources and equipment needed to problem-solve student assignments.
- Share safety instructions to students. *Safety Instructions: Students should only utilize equipment they have been fully trained to use.*
- Provide review material / resources for students to prepare for summative assessments.

Transition

- Classroom Expectations / Routines
- ⊠ Review Questioning
- Stimulus or Signal (Example: "Pencil Drop", "Eyes on Me", etc.)
- \boxtimes Student Reflection
- ⊠ Timer

Independent Practice (Varied Learning)

The students will:

- Participate in teacher-led discussions / presentations.
- Complete assigned assignment(s) in class.
- Complete assigned homework assignment(s) outside of class.
- Provide feedback by demonstrating skills.

Closure

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