

Reviewer #: 5 Reviewer Background: 25 years of experience, in 1st-5th grade

Comments: Some tasks required use of higher level thinking skills in order to complete required expectations.

Reviewer #: 6 Reviewer Background: 7 years of experience, in 4th grade

Comments: Visuals consist of cartoons and real pictures. At the beginning of each new concepts there are "I can" statements for what students can and should do.

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Comments: In this curriculum, there was no reference to New Mexico men and women and the advancement of science and technology.

Reviewer #: 6 Reviewer Background: 7 years of experience, in 4th grade

Comments: Includes engaging visuals and “UEngeer IT!” activities for teaching the skill of problem and solution to students through engineering processes. Limited opportunities for students to advance through higher levels of Bloom’s Taxonomy due to simplistic language of task such as, “draw,” “tell,” and “explain.”

Reviewer #: 6 Reviewer Background: 7 years of experience, in 4th grade

Comments: Despite opportunity for some tasks to be at a level 2 or 3 of Bloom's, several tasks were simplified and did not require higher level thinking or depth of knowledge.

Reviewer Comments

Reviewer #: 4 Reviewer Background: 17 years of experience, in 2nd-5th grade

Comments: There are 8 units called "Topics." Each topic begins with a "Show What You Know" activity which allows for multiple entry points for students. Every topic has an engaging Quest addressing a real-life problem that students work on throughout the unit. Each unit also has several science readings, investigation labs and engineering labs. A typical 4th grade teacher will have difficulty completing the entire curriculum in a school year. There is no guidance on adapting pacing to accommodate limited time.

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Comments: Good variety of hands-on design and development opportunities to support concepts.

Reviewer #: 6 Reviewer Background: 7 years of experience, in 4th grade

Comments: Students are given numerous opportunities to display their level of understanding and encouraged to reach higher level thinking through Bloom's Taxonomy. Students are synthesizing skills and learned concepts while also providing evidence for their reasoning. In the Student Edition, students are given both vocabulary words and academic vocabulary words for the concept.

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Comments: This is an engaging curriculum that encourages students to use critical thinking through the scientific procedure.

Reviewer #: 6 Reviewer Background: 7 years of experience, in 4th grade

Comments: Multiple opportunities for students to synthesize their thinking and make improvements for models they have created.