

Content Integration In Action



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GRADE

Big Idea:
Engineering Understanding

ENDURING UNDERSTANDINGS

- People create representations of observations and perceptions to facilitate problem-solving.
- People develop and apply laws and rules to create structure.
- Properties that affect identity determine individual behavior and group membership.



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Big Idea:
Models/ Globalization

ENDURING UNDERSTANDINGS

- Humans create and use models to represent our experiences and share an understanding of reality.
- Models can be modified to reflect new understandings.
- We evaluate and select models to better predict and guide our decisions for the future.



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Big Idea:
Interpretation

ENDURING UNDERSTANDINGS

- Interpretations influence a person's perspective of systems and models.
- Interpretations require precise and accurate observations.
- Interpretations influence a person's decision-making.



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Big Idea:
Contexts

ENDURING UNDERSTANDINGS

- Different contexts influence a person's interpretation of data, systems, and models.
- Contexts provide the applications for precise and accurate observations, systems, and models.
- Communicating information effectively is influenced by context.