Seven instructional design principles of Courseware

Rooted in theory and research, Edmentum’s digital curriculum provides effective instruction based on these seven overlapping yet distinct principles. For a thorough explanation of each principle and its application, please see the Research Base and Instructional Design of Edmentum Digital Curriculum.

- **Constructivist Learning**
  Interaction between the learner and the lesson, with learners as active participants in acquiring new concepts that build on current knowledge

- **Skills Mastery Focus**
  Providing lessons on well-defined skills within units, followed by mastery quizzes to check knowledge before moving up the progression

- **Practice**
  Emphasizing the link between practice, reinforcement, and performance as evidence-based practices to improve acquisition and retention of material

- **Real-World Applications**
  Assignments and activities impel students to apply what they know to the real world in both learning investigations and content presentation

- **Rigor, Relevance, and Complexity**
  Incorporating deep structures in cognition that influence not just behavioral skills, but accuracy in how concepts are articulated by learners

- **Multimodal Learning**
  Utilizing human cognitive architecture, coordinating multiple representations of a concept facilitates more enduring learning foundation

- **Passion, Perseverance, and Grit**
  Providing intensive opportunities for rigorous, self-directed practice in a way that challenges students to strive above their current level of proficiency