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My beloved colleagues salam

WHAT IS INSTRUCTIONAL SYSTEM DESIGN (ISD) Series 1

Instructional Design or Instructional System Design (ISD) is the practice of creating instructional experiences which make the acquisition of knowledge and skill more efficient, effective, and appealing. Developing an interactive multimedia instructional design is a complicated task. It requires hard work and exceptional skills. As such, instructional design is a “*higher-order thinking skills*”.

In order to construct a feasible instructional design, Mayer (2001) suggests **eight characteristics** of a good instructional design:

1. **Multimedia Principle:** Students can learn better from words illustrated by pictures rather than mere words alone.
2. **Contiguity Principle:** Students can learn better if the words and pictures are presented concurrently rather than to be presented individually.
3. **Coherence Principle:** Students can learn better if all **redundant** words, sounds and pictures are excluded from the instruction.
4. **Modality Principle:** Students can learn better if words are supplemented with narration rather than just appear as text on the screen.
5. **Redundancy Principle:** Students can learn better if words are presented as a narration rather than narration and text on the screen.
6. **Interactivity Principle:** Student can learn better if they are allowed to be engaged personally.
7. **Signaling Principles:** Students can learn better if narrated information is divided into small segments for easy comprehension.
8. **Personalization Principle:** Students can learn better if information is presented to them as a conversation.

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