

Preview – Lesson Outline for Developing Analogies

Introduction Your learners will use analogies to bridge the gap between their own experiences and the abstract concepts of your lesson. You may need some “seed ideas” from which to create effective analogies for your lessons.

Purposes The purposes of this lesson are to

- examine the concept of analogy.
- explore development of a common analogy during a model demonstration.
- create analogies for lessons from a list of “seed ideas.”

Importance Using an analogy in a lesson benefits the learner by

- serving as a bridge between physical and abstract worlds.
- leading the learner securely from known to unknown.
- filling in missing gaps in conceptual relationships.

Lesson summary This lesson will cover

- the concept of analogy
- a demonstration of developing one analogy
- the steps for creating analogies.

Lesson objective Given a list of potential events and a job aid, the learner will create an analogy in the form, A:B::C:D, for a lesson.

Order of topics The order of topics for delivering this lesson includes:

1. Introduction
2. Purposes and benefits
3. Definition of analogy
4. Example #1: Bicycle
5. Parts-functions of #1 analogy
6. Guided practice 1
7. Example #2: Fabric
8. Parts-functions of #2 analogy
9. Guided practice 2
10. Demo: Developing an analogy
11. List of ideas
12. Independent practice
13. Review: Key points
14. Job aid description

Lesson Body – Lesson Outline for Developing Analogies

Knowledge topics

This lesson contains the following knowledge topics:

- definition of analogy,
 - examples of familiar analogies, *and*
 - rules for using and creating analogies.
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Practice: knowledge

This lesson includes two guided practices.

Given a table that describes parts and functions of analogy based on the concept of –

1. a bicycle and four variations of the analogy form (A:B::C:D), work with a partner to develop four different analogies.
 2. fabric and an incomplete parts-functions, supply information for the missing cells in the fabric-analogy table.
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Major lesson task The major task of this lesson is developing an analogy to use in a lesson.

Demonstration The instructor will follow the Step & Action table with a demonstration.

Practice: action

The learners will take part in the class demonstration on how to develop an analogy, then each learner will independently create an analogy, following the steps listed in the Step & Action table.

Review: key points

The instructor will select random learners, and ask them these questions:

1. What is the tag of one bit of knowledge you have learned today?
 2. Define or describe it, using your own words.
 3. How will you use what you have learned when you return to your job?
 4. What will happen when you begin to apply what you have learned?
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Job aid description

The job aid for this lesson

- defines the concept of analogy, and gives two examples.
 - displays the related parts-function tables for each example.
 - lists the action steps for developing analogies.
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