



National Trainers' Exchange

"Use of Dioramas to Enhance Learning Outcomes"

Purpose

Planning

Preparation

Construction

March 29, 2012, Ft. Lauderdale, FL

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National Trainers Exchange

Ft. Lauderdale, FL

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Training Agenda

Introductions and overview of presentation (5 minutes)

Electronic presentation – establishing the purpose, describing realistic concepts, as well as discussing the actual planning and construction process that goes into building dioramas (18 minutes)

Practical design – using provided guidelines, worksheet and materials to construct a written scenario that will be used to construct a diorama (7 minutes)

Construction phase – hands on time to create and construct the tabletop representation of your scenario (30 minutes)

Presentation of Projects – teams provide an overview of their scenario “story” and identify several learning outcomes they believe can only be achieved using the diorama (20 minutes)

Cleanup and Final Questions (10 minutes)

Diorama Scenario Planning Guide and Worksheet

1. Select a realistic topic or area of instruction that you currently use to provide curriculum or “learning moments” to others.

Topic: _____

2. Develop three learning objectives directly related to the topic in Step 1.

Learning Objective #1: _____

Learning Objective #2: _____

Learning Objective #3: _____

3. Brainstorm the type of “setting or location” you would use to provide the best visual representation of your topic and learning objectives.
4. Write a narrative telling the story that “surrounds” your setting or location. To do this correctly you will need to incorporate the learning objectives in Step 2 into the story. (See attachment examples for ideas)
5. Determine and select the types of items (buildings, trees, types of vehicles and so forth) and arrange those on the empty diorama surface.
6. Conduct a trial presentation of your diorama by reading your narrative and determining what additional needs you will have to satisfy.
7. Construct or produce the additional requirements identified in Step 6.
8. Develop one to two learning outcome questions for each learning objective in Step 2. These questions will allow you to gauge the participants’ enhanced value gained with the learning outcome(s).
9. Test your scenario.

Attachment

Tabletop Diorama Example (Large scale)

Village scene

Hazardous Waste Site(s) Project – brownfields

Narrative on history of specific locations – setting the scene

National Trainer's Exchange
Diorama Presentation
Ft Lauderdale, Florida

Equipment List

4 @ 4' x 8' diorama panels
2 @ 2' x 3' diorama panels
3 @ topographic diorama panels
18 work platforms
20 @ wooden 2" x 4"
2 @ tubs of buildings
3 @ tub of vehicles
1 @ tub of streets
1 @ container of misc. supplies (scissors, paint, brushes, etc.)
Fabric – brown, white, and blue
Large tarp – 2 pieces
4 garbage cans
1 box - garbage bags
30 @ art vests