

Zombie Bedtime Rhymes

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Introduction:

Zombie Bedtime Rhymes 17 is a practice Road Scholar event. It includes all questions, satellite images, student answer sheets, answer keys, and all needed maps. Questions cover all areas in the SO rules. "Coach Answers" contains event questions (not story) with explanation of answers and background information.

There are four basic parts to the overall event:

1. Questions, student answer sheets- 3 files
 - Zombie 17 Introduction
 - Zombie 17 Questions
 - Zombie 17 Answer sheets
2. Answer Key and Coach Answers, with explanations - 3 files
 - Zombie 17 KEY
 - Zombie 17 Coach Answers Part 1
 - Zombie 17 Coach Answers Part 2
3. Mapscans and USGS topographic maps- 4 files
 - Zombie 17 Mapscan 1 to 5
 - Zombie 17 Mapscan 6 to 10
 - Zombie 17 USGS Questa, NM 1995
 - Zombie 17 USGS Rock Island, WA 2003
4. Supplementary information- 2 files
 - Math in Road Scholar
 - Techniques for Event Supervisors

Maps used in this event and how to get them:

AAA Washington - Oregon Road Map dated 2/15-5/16

This event contains the necessary sections of this map as scans. However, actual road maps are ordinarily used in competitions and students should be accustomed to working with them. The date listed above was used in writing this event, but other dates should work fairly well. This map is free to AAA members. AAA maps can be ordered on line by members, but cannot be downloaded. Pleading non-members who identify themselves as teachers can usually get some at an AAA office. Bring the event with you to show what you are doing. AAA folks will love it and will try to be helpful.

Two USGS Topographic Maps:

USGS Questa, NM 1:24000 7.5 min quadrangle map 1995

USGS Rock Island, WA 1:24000 7.5 min quadrangle map 2003

Both maps are included in the event files. To obtain other USGS topo maps files for free download, go to: www.usgs.gov.

The United States Geologic Survey (USGS) no longer prints maps, but you can download many topo maps, including the Questa 1995 and Rock Island 2003. If you have a large flat screen monitor you can show downloaded maps actual size on your screen. This allows you to make actual measurements and calculations. You can thus do practice events without the hard topo map. Measurements will differ slightly from hard copy, but should be close. Make sure to download a symbol sheet while you're at it.

To get USGS Topo maps from USGS site: (Example using Questa, NM 1995 map): Go to

1. www.USGS.gov
2. Products
3. Maps
4. USGS Store
5. Find maps by location
6. U.S. Map Locator- Use map locator tool
7. Enter map name (Questa) in Keyword
8. View Products - see popup map windows - find date (1995) and scale (1:24,000)
9. View PDF – Download - open - adjust view to 100% or actual size. Save on your computer as filename "USGS Questa NM 1995"

Mapscan Note: The road map portion of this event will work with the mapscans included, but print quality and similarity to actual event conditions are better with a hard copy map.

Measurement note--all questions: Mapscans are not exactly the same size as hard copy maps. Measurements from scans should be within acceptable range. Answer explanations should note if measurements came from scan or hard copy.

Ranges: Why are some answers required to be exact but others have an acceptable range? If the answer is just something you find on the map and copy, you should have an exact answer. If there are several different methods of getting the answer, they may give different results and the range allows for this. Questions involving measurements and calculations will also have ranges to allow for slight variation in measurements - usually a millimeter plus or minus from ideal for a straight line. More difficult measurements will have larger ranges, with closeness to ideal used as a tiebreaker.

Story Line: Not all Road events use a story line, but always make sure you read the story if there is one. The story will guide you around the map, is a big help in locating features the questions ask about, and frequently contains information needed for questions. Questions will be harder without the story.