

# I Dig Dinosaurs!

## ~Movie Quest Worksheet~

Ready to start your



Virtual Dinosaur Dig?

Click on [I Dig Dinosaurs](#)

to view a movie of finding, digging, and excavating dinosaur bones.  
This is an hour long movie with a "commercial" at the beginning for the dance program at Ball State University in Indiana.  
Move the diamond on the Quick Time Player to 7:35 to begin the actual dinosaur dig.  
Once at the site, scroll down to the "View here" button.



**Print this page.**

As you go through this Movie Quest, you will experience your virtual Dinosaur Dig!



While you're watching the movie between minutes 7:35 and 15:23 answer the following:

1. What states are they working in? \_\_\_\_\_  
Outside of what city? \_\_\_\_\_
2. What is "Dinosaur Diamond?" \_\_\_\_\_
3. What is this formation called? \_\_\_\_\_
4. What year was the apatasaurus found on this location? \_\_\_\_\_  
Who discovered it? \_\_\_\_\_
5. How large is the forearm of the brachiosaur? \_\_\_\_\_
6. Where are these skeletons on display? \_\_\_\_\_

*~Please feel free to pause or rewind the movie at any time to help answer your questions.~*



Questions to go with minutes 15:30 to 36:00:

7. How do you know where to start digging for dinosaur bones? \_\_\_\_\_  
\_\_\_\_\_
8. How do you recognize dinosaur bone fragments? (We saw these in class!) \_\_\_\_\_  
\_\_\_\_\_
9. What is the definition of a "fossil"? \_\_\_\_\_
10. Briefly describe how the T-Rex in the cartoon video clip became a fossil. \_\_\_\_\_  
\_\_\_\_\_
11. Why is it important to make good observations and to take good notes as a scientist?  
\_\_\_\_\_
12. When was the quarry they're working in discovered?  
\_\_\_\_\_



13. How did the teeth marks get on the dinosaur's hipbone? \_\_\_\_\_

14. How do Paleontologists piece together the environment in which dinosaurs lived? (Give examples) \_\_\_\_\_

15. How old was the person who discovered the dinosaur egg in this quarry? \_\_\_\_\_

16. What are the stories that broken dinosaur bones can tell? (name 3) \_\_\_\_\_

17. Approximately how big is the allosaur claw the man is holding? \_\_\_\_\_

18. How did this area get its name? \_\_\_\_\_

19. At the time of this movie, they had been digging from 1982 to 1999, how many years is that? \_\_\_\_\_  
How many dinosaurs were found during that time? \_\_\_\_\_

20. What geologic time zone is recorded in the rock of this quarry? \_\_\_\_\_

21. What was the first bone found by Mr. Pete Mygatt? \_\_\_\_\_  
What did he think it originally was? \_\_\_\_\_



**Questions to go with minutes 36:00 to 47:00**

22. What are the tools that paleontologists use to "dig out" a dinosaur bone? \_\_\_\_\_

23. Why haven't any Triceratops been found in this quarry? \_\_\_\_\_

24. Both Triceratops and T-Rex lived in the \_\_\_\_\_ period, at the \_\_\_\_\_ of the age of the dinosaurs!

25. Which tool do "dinosaurs diggers" use the most? \_\_\_\_\_

26. Once the top of a dinosaur bone is uncovered, what has to happen next before it is sent to a museum? Describe the process: \_\_\_\_\_

27. What is the "A, B, C, D's" of the dinosaurs found in this quarry? \_\_\_\_\_

28. Write your reaction to the process of extracting a dinosaur bone from its rock matrix to get it ready for display at a museum: \_\_\_\_\_



**Questions to go with minutes 47:00 to 58:00**

29. What steps are needed to "put flesh on the bones" of a dinosaur and make it "come to life"? \_\_\_\_\_

30. What was the largest bone found that was *all in one piece* from this quarry? \_\_\_\_\_  
How did they get it into the museum building? \_\_\_\_\_

**Conclusions:** What geologic time period do the bones in this quarry come from? \_\_\_\_\_

How long ago was this time period? \_\_\_\_\_

How do scientists know this? \_\_\_\_\_

