Materials: A picture of the lake with 8 dinosaur feet for each student.

Discussion on the rug: Teacher holds up the picture. “Tell me about this picture? What do you see?”

Teacher solicits answers from students. “How many dinosaur feet do you see in this picture?”

Teacher solicits answers from students and then states that the class will investigate this question. “We are going to try to figure out how many dinosaurs are standing in the lake.”

In small groups: Each student has a picture, and the teacher asks the following questions:

“How many legs does a dinosaur have? Which dinosaurs have 2 legs? Which dinosaurs have 4 legs? Are there any other dinosaurs with a different number of legs?

How many dinosaurs are standing in the lake? Explain why you think it would be that number. Can you draw a complete drawing of the dinosaurs standing in the lake? Can you show how you got your answer?”

At the end of the investigation, have students either discuss or dictate a response to the summary questions.
Digging Dinosaurs