

## Lesson 7: The Galaxy Zoo

You're finally ready to help real astronomers with real astronomy! Find out how you can identify galaxies to help astronomers answer their questions about the universe. Astronomer Karen Masters will introduce us to Galaxy Zoo, a citizen science project that relies on astronomy enthusiasts like you to understand the universe we live in.

### RESOURCES INCLUDED WITH THIS LESSON:

- Listening Questions
- Post Galaxy Zoo Questions

## Listening Questions - Lesson 7

- 1) What are some of Karen Masters' questions? What does she study?
- 2) What was the "survey" that Karen studies? What did it turn up?
- 3) What was the problem that the survey created for Karen and members of her team? What was her solution?
- 4) What does "classifying" mean?
- 5) How many different types of galaxy are there in the universe?
- 6) Why can't Karen use computers to help her classify the millions of galaxies?

## Post Galaxy Zoo Questions

- 1) Did you do any galaxy classifying through Galaxy Zoo? Did you see any of the same features that Marshall saw?
  
  
  
  
  
  
  
  
  
  
- 2) What did you learn about galaxies from listening to Karen and Marshall classifying galaxies?
  
  
  
  
  
  
  
  
  
  
- 3) Do scientists know why galaxies form stars? How are *you* helping them find out the answer?
  
  
  
  
  
  
  
  
  
  
- 4) What was the *major discovery* that Galaxy Zoo helped make?