

# Teacher Guide for ASK, *Get Up and Dance*

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Betty Lou Askin, a retired educator, who lives in Toronto, Ontario prepared this guide.

Objectives:

- Students will gain an understanding of how some animals communicate through the use of dance.
- Students will appreciate how the human body moves

Scoops (pages 2-3)

Like Father, Like Son

- Why was the scientists' discovery remarkable?
- Explain why the title is suitable for the article.

Caution: Sheep Working

- Explain why using sheep is an environmentally safe procedure.
- Describe why you think using the sheep is a cost saving factor.

Grunting Season

- Describe the experiment.
- Why are the worms tricked?

Nestor's Dock (pages 4-5)

- Why do you think that football players practice dancing?
- Why is Phil upset?

Dances with Animals (pages 6-13)

Discussion questions:

- Tell some of the ways in which animals communicate.
- Describe how a bee tells other bees where to find nectar.

Keep Away!

- How do Siamese fighting fish show domination?
- What is a dewlap dance?
- Why do wolf spiders appear to be sparring in a boxing match? Or, doing the cha-cha?
- Describe stotting or pronking.
- Explain why a gazelle would stot instead of running away from a predator.
- Describe how a caoeira is performed.

Chance for Romance

- Why are defense dances and mating moves in male animals alike?
- Explain why a female animal would want to choose a strong male partner.
- How do grebes perform their mating dance?
- Describe the purpose and activities at leks.
- Explain the stage show that a bird of paradise performs.
- Describe an action that humans have borrowed and imitated from nature.
- Research:  
Choose one of the animals from this article and complete further research. Present your findings to the class.

How do they do that? (pages 16-9)

- Describe how your center of gravity works.
- Explain how you can change the speed of a spin.
- Why is a gymnast somewhat like a pancake?

Get Up and Play (pages 20-27)

Questions to consider:

- What are the keys to success?
- Explain the Australian Institute's "formula for success".
- Explain the things that influence a person's potential athleticism.
- Compare fast-twitch and slow-twitch muscles.
- How can you control your genes?
- Explain how muscles are affected when a person trains.
- Tell why a swimmer needs many skills to be a good competitor.
- How does technology help athletes?
- Mental attitude influences performance. Explain this statement.
- Using information from this article, explain how age has an impact on an athlete.

Jimmy the Bug (page 32)

- Use your own words to answer the question asked by Brendan R.