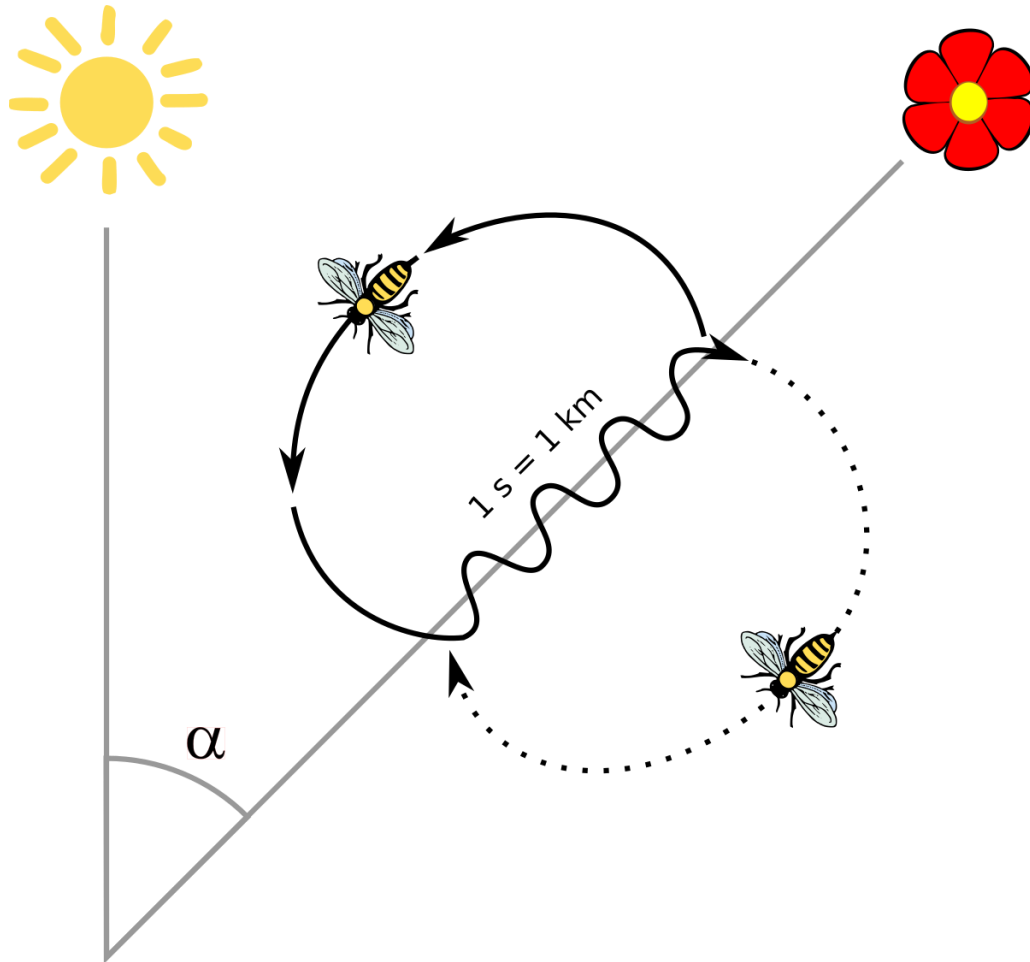


Activity Lesson Plan

Waggle Dance Game

Via Friends of the Earth



This fun game is a way to teach kids about the complicated waggle language of bees. This is a great activity for younger kids and involves almost no materials. Parent guidance is helpful for explaining and guiding kids through the first round or two. This is a fun indoor or outdoor activity, and teaches kids spatial reasoning, memory, and motor skills.

Overall Goal of Activity:

The goal of this game is to teach kids about non-verbal bee communication and have them practice communicating with each other and guiding each other.

Subjects/Concepts Covered:

This activity covers biology subjects like animal communication, as well communication and teamwork skills.

Age Group:

This activity is best for younger kids, pre-K through 3rd grade.

Materials:

- Flower, stuffed animal, or another item to act as the flower

Procedure:

1. Introduce the Background context of waggle dances.
2. Have one kid hide the flower somewhere nearby while the other kids close their eyes.
3. Have the kid come demonstrate in a waggle dance what direction the flower is to all the other kids.
4. Have the other kids try to find the flower.
5. Rotate the flower between each of the kids until they are all proficient at the waggle dance.

Explanation/Background:

See attached waggle dance sheet

Other Resources/Further Information:

Additional Activities: Have kids develop their own type of waggle dance using signals around the room like doors or windows if you're inside, and trees or structures if you're outside. See how long it takes them to create and become proficient in this new activity.

Watch this video on the Waggle Dance:

https://www.youtube.com/watch?v=LU_KD1enR3Q

Learn more: <https://askabiologist.asu.edu/bee-dance-game/introduction.html>