

HONEY BEE WAGGLE: COMMUNICATING INFORMATION WITH DANCE

Review the resources below from the Georgia Tech College of Computing and from Kimball's Biology Pages to learn about the waggle dance, a series of movements that honey bees use to communicate the location of food sources. View the video from Salt Tree Art as a choreographed interpretation of the waggle dance.

Choreograph your own interpretation of the honey bee waggle. Consider the information being conveyed in the movements. Record your dance.

Georgia Tech College of Computing,

The Waggle Dance of the Honey Bee (7:28 video)

<https://www.youtube.com/watch?v=bFDGPgXtK-U&t=>

Kimball's Biology Pages, *Honey Bee Communication*

<http://biology-pages.info/B/BeeDances.html>



Salt Tree Art, *Waggle It* (2:28 video)

<https://www.youtube.com/watch?v=8oWp1F90354>

Extender Activity:

What information can you convey through movement? As an example, could you think of ways to express your family's size and structure through dance? Could you express the weather forecast for the coming week? What about expressing a genetic code?

Think creatively about data that you can share nonverbally. Using one of the examples above or using your own idea, choreograph a series of movements that can express this information and a guide to interpret each movement.

Perform a dance composed of your movements. See if your friends, family, or classmates can interpret your dance by using the guide you created.

