

Main activity (in teams)

Ask students how greenhouses are helpful to us. Share the video(s) of the Greenhouse Effect with students. After students have watched the video(s), ask them, why is this phenomenon called the “greenhouse effect?” Ask students to work in teams to create a drawing that shows how the Greenhouse Effect on Earth is similar to how we use a greenhouse to grow plants. Students can create a drawing on a plain piece of white paper or draw in digital form. Ask them to use words, images, arrows, etc. to describe their thoughts and create the model. A scientific model is a drawing or 3D explanation of how something works in nature.

Greenhouse model gallery walk

Post teams’ models around the classroom and have students do a gallery walk to take a look at each others’ models. Have students use the reflection/exit-ticket to talk about the similarities they noticed between the models that their team came up with and the models created by other teams. Be sure to save students’ models, as they will be improving them later.