

## Main activity

Show them the video titled “The Known Universe” on this slide show. Explain that this is a simulation created by scientists to show our place in the Universe. A simulation is an interactive model created to show us how things appear to act in the Universe. Pause every 20 seconds or so to ask them what they see is happening.

- » At about 2:00 minutes, the view will start to move away from the solar system. Ask students, what seems to be happening to the way the sun looks? (it is getting smaller and less bright).

**Team-model:** Have students revisit the model they drew. How would they change it based on the information that they just saw from the video simulation? Have students work in their team to discuss their models, discuss the video, and then come up with a Team Consensus Model which incorporates the ideas of team members into one model. Ask teams to select one **communications manager** to share their model.