

## Lesson plan title

# Think of the scene of “Daichi (the earth)” and read aloud

## Institution

JAXA Space Education Center

## Subjects

Japanese

## School Grade

Sixth grade in elementary school

## Learning Unit

Daichi

## Session No. / Total Session Times

1/1

## Materials & Equipments

- PCs (For using Google Earth. Installing Chrome browser is required.)
- A projector and a screen
- Internet access

## Lesson Summary

- Developing the participants' own images of Daichi by observing the earth

### Google Earth Usage Overview

- Google Earth Voyager “Riding a rocket,” “Various “eyes” for measurement” and “Whole view of the earth”

## Learning Objects

- Understanding Daichi as the entire earth without limiting the participants' viewpoints to what's around themselves

### Inquiry

- Think of the scene of Daichi and read aloud

## Culminating Task

- Whether or not the participants can think and look beyond what's around themselves

## Lesson Outline with Estimated Time Allotment

- Total time: 45 mins
  - Introduction - 15 mins
  - Development - 20 mins
  - Summary - 10 mins

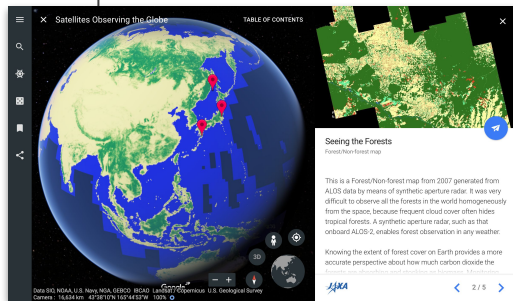
# Lesson Scenario

## Introduction - 15 mins

Time	Path	Students' activities	Teacher's guide
15 mins	Reading the poem "Daichi"	<p>Expected ideas: nature, trees, soils, living things</p> <p>Writing down the participants' impressions of "Daichi"</p>	<p>Inquiry: "What do you visualize when you hear "Daichi?"</p> <p>The teacher will read out "Daichi" for the participants. Let them write down their impressions after reading the material for the first time</p>

## Development - 20 mins

Time	Paths	Students' activities	Teacher's guide
10 mins	Understanding the process from the launch of artificial satellites to the earth observations	<p>Expected ideas: nature, living things, where the participants live, human beings</p> <p>Watching the Google Earth Voyager</p>	<p>Inquiry: "What do you think 'Daichi' means in this poem?"</p> <p>Setting the PCs up and giving a brief explanation                      ✖ Let the participants watch the Google Earth Voyager, asking them to compare what they are watching with their initial ideas of Daichi</p>
10 mins	Sharing how the participants have changed their ideas	<p>After watching the Google Earth Voyager, the participants will read "Daichi" again and write down any additional impressions of theirs</p> <p>Expected ideas: "Maybe there is Daichi in the universe" and "There is a lot of Daichi outside Japan"</p> <p>Sharing ideas with the rest of the group</p>	<p>Inquiry: "Let's watch the Google Earth Voyager and read 'Daichi' again"</p>



## Summary - 10 mins

Time	Paths	Students' activities	Teacher's guide
10 mins	Sharing ideas	Sharing the ideas of one group with the others	Presenting some impressions with different points of view

### Evaluate: Exemplar Response and/or Rubric

- Using self-assessments and group evaluation

### Additional Resources

- [JAXA Digital Archives](#)

### Options for Differentiation

- It might be a good idea to present "Looking at the earth from the universe" from JAXA Digital Archives, apart from the Google Earth Voyager.

### Connect

- Elementary school students tend to have a narrow understanding of society. It might take a lot of effort to expand their understanding in a way that enables them to think about other prefectures, other countries, the entire earth, and the universe.