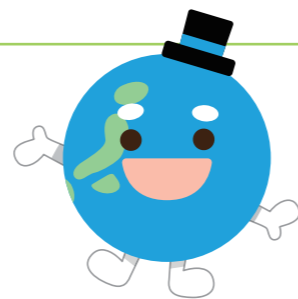


Worksheet

Possibilities of Renewable Energy



Types of Electricity Generation

Method	Generation	Characteristics (advantages, disadvantages)

Let's Investigate

1. We use many different kinds of energy in our daily lives, such as in engines and motors. Let's focus on electricity. We cannot get electricity unless it is generated. What methods of generating electricity are there? Let's investigate using a book from the library or the internet.

Let's Summarize

2. Now summarize the characteristics of each electric power generation method in the table on the right. Write down the names of each generation method (ex: "Hydroelectric power generation"). How is power generated using this method? Then outline the advantages and disadvantages of each power generation method.



Dam discharge

3. What is renewable energy?

Renewable energy is attracting a lot of attention now due to issues like global warming. Look at the table showing the various methods of electricity generation. Please circle any examples of "renewable energy".

What is renewable energy? Why is it attracting a lot of attention. Summarize the main points below.

Group discussion

4. In groups, discuss each members table from 2. Then as a group, combine your ideas and create a new table. Present your groups summary of generation methods and characteristics to the other groups.

Listen to Group Presentations and Summarize Them

5. Now listen to each group presentation and summarize their ideas, new things you learned and discuss the differences between your ideas. Write down any questions or opinions you have.

Review the lesson

Looking back on today's class, sum up what we have learned, noticed, and would like to use in future classes.