



## Limited Edition: Game Time!

Students will learn about food waste and its connection to energy, brainstorm ways to reduce waste, and participate in a game that explores this problem.



### Learning outcomes

By the end of this activity, students will:

- ✓ Discuss the issue of food waste and its connection to energy consumption
- ✓ Learn about ways to reduce food waste
- ✓ Play a game that teaches about food waste

### Complete **ONE** of the following options.

You will only be able to submit work and get credit for one option.

#### Option 1

##### Participate in a game to test your knowledge about food waste

Students will learn about food waste, how to reduce it and the energy associated with food production. They will then participate in a food waste-themed game of charades or pictionary.

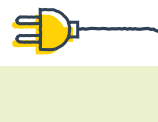
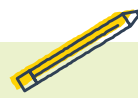
#### Option 2

##### Create a game about food waste to test other's knowledge

Students will learn about food waste, how to reduce it and the energy associated with food production. They will then create and play a board game or trivia game that teaches about food waste and ways to reduce it.

### Important

Please respect all school and governmental guidelines and restrictions surrounding COVID-19. Review the 2021 CDC COVID-19 policy [here](#). This challenge does NOT require students to participate in an in-person setting.





# Limited Edition: Game Time!

## Option 1

### Participate in a game to test your knowledge about food waste

Students will learn about food waste, how to reduce it and the energy associated with food production, and participate in a food waste-themed game of charades or pictionary.

## Materials

Food waste worksheet (attached), materials needed for in-person or virtual charades or pictionary (paper, markers)

## Proof to be submitted

Completed worksheets.

## Activity

As a class, discuss what food waste is and all the ways food can end up being wasted. Ask students to think about the food items that they throw out including peels and stems, and also items that they do not like or that go bad. Ask students to think about what is in their lunch box and what organic material would likely end up in the garbage or compost.

Next, discuss with students why food waste is an issue. Talk about the amount of energy that goes into growing, watering, harvesting, transporting and storing food that can end up in landfills. Discuss the issue of hunger in different communities, and the money that is spent on food that goes to waste. Brainstorm ways that students and families can reduce the amount of food that they waste by coming up with ways to make sure food is used before it goes bad and how to reuse fruit and vegetable scraps. Have students complete the attached Food Waste Worksheet.

Using students' worksheets as inspiration, create a class word or image bank of terms that relate to food waste. Engage students in a game of pictionary or charades by having them secretly select a word or image, and then draw or act out that word for their classmates to guess. For virtual learners, assign each student a word in a private chat and have them take turns drawing or acting out the word.



### Teacher tip

Use a timer and a scoreboard if playing in teams!





# Limited Edition: Game Time!

Name \_\_\_\_\_

Date \_\_\_\_\_

## Food waste worksheet (Option 1)

1. Write or draw four ways that we waste food:


2. Write or draw four ways that we can reduce food waste:






# Limited Edition: Game Time!

## Option 2

### Create a game about food waste to test other's knowledge

Students will learn about food waste, how to reduce it and the energy associated with food production, and create and play a board, card or trivia game that teaches about food waste and ways to reduce it.

## Materials

Food waste worksheet (attached), materials to create game

## Proof to be submitted

Completed worksheets, photo or screenshot of at least one game

## Activity

As a class, discuss what food waste is and all the ways food can end up being wasted. Ask students to think about the food items that they throw out including peels and stems, and also items that they do not like or that go bad. Ask students to think about what is in their lunch box and what organic material would likely end up in the garbage or compost.

Next, discuss with students why food waste is an issue. Talk about the amount of energy that goes into growing, watering, harvesting, transporting and storing food that can end up in landfills. Discuss the issue of hunger in different communities, and the money that is spent on food that goes to waste. Brainstorm ways that students and families can reduce the amount of food that they waste by coming up with ways to make sure food is used before it goes bad and how to reuse fruit and vegetable scraps. Have students complete the attached Food Waste Worksheet.

Using their worksheets as inspiration, individually or in groups, have students create a board, card or trivia game that aims to teach others about the issue of food waste and how to reduce it. For virtual learners, this game can be created and played online through a shared document or a trivia game creator like Kahoot. For face to face classes, it can be created using physical materials and played in class. Have students present their creations and play another classmate's game.



Classroom Energy Diet Challenge



Energydiet.ca



# Limited Edition: Game Time!

Name \_\_\_\_\_

## Food waste worksheet (option 2)

Date \_\_\_\_\_

Think back over the past week. What items of food have you thrown out? This can include: fruit and vegetable peels, rotten food, food that has fallen on the ground, tops and ends of fruits and vegetables, food that you did not like, stalks, cores and stems, etc.

Now write down the ways that you could have saved or re-used those items.

