



Renewable vs. Nonrenewable



Grade Level: 5th-Adult

Time Needed: 45-60 minutes

Location: classroom

Supplies: Everyday items made from renewable and non-renewable resources

Objective: Students will learn the definition of renewable vs nonrenewable and how the use of natural resources applies to recycling, conservation, and sustainability.

Activity I: Define terms of renewable vs. nonrenewable resource, reduce, reuse, recycle, and conservation vs. preservation. Class discussion about how these terms apply to reducing waste in landfills and sustainable living.

Activity II: Renewable vs. Nonrenewable Challenge! Students will be given an item. They will have to decide whether their item is renewable or nonrenewable and place them in designated areas of the classroom. Once all students have placed their items, the class is allowed to judge whether the decisions are correct. If not, they must make a 'debate style' argument or reasoning in defense of their opinion. Once all items are in their correct locations the activity closes with a description of the recycling process.

Activity III: Sustainability Game! Students will participate in a game demonstrating the wise-use of resources.