

Composting

Recycling Organic Matter

Contact Information:

Valentina Palacio
Environmental Education Coordinator
843-255-2827
laura.palacioruiz@bcgov.net

Lesson Focus & Goals

Students will learn about composting in Beaufort County and why recycling organic matter is important. Additionally, students will learn different methods of composting and what ingredients will make the perfect compost recipe. The goal of this lesson is to encourage and promote proper disposal of waste, learn ways to divert waste from the landfill, improve waterways, and to Keep Beaufort County Beautiful.

Activity:

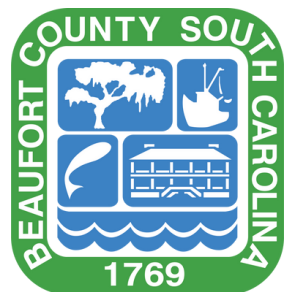
Each grade level will have an age appropriate hands on activity to complete that demonstrates the importance of composting and reducing waste.

Key Words:

- Compost
- Organic
- Grasscycling
- Harvesting
- Soil amendment

Reflection:

- What is composting?
- What goes in your backyard compost?
- What does not go in your backyard compost?
- What is the perfect compost ratio?



Composting

Recycling Organic Matter

Contact Information:

Valentina Palacio
Environmental Education Coordinator
843-255-2827
laura.palacioruiz@bcgov.net

Relevant SC Science Standards

- **Kindergarten**
 - K.E.3B.1 (Environmental impact of human actions)
- **Grade 1**
 - 1.L.5A.2 (Role of decomposers in ecosystems)
- **Grade 2**
 - 2.L.5A.2 (Plants depend on soil and nutrients)
- **Grade 3**
 - 3.E.4B.2 (Composting as a resource-conservation system)
- **Grade 4**
 - 4.L.5B.2 (Matter transfer through decomposition)
- **Grade 5**
 - 5.S.1A.4 (Engineering solutions for composting)

Reflection:

- What is composting?
- What goes in your backyard compost?
- What does not go in your backyard compost?
- What is the perfect compost ratio?

Lesson Focus & Goals

Students will learn about composting in Beaufort County and why recycling organic matter is important. Additionally, students will learn different methods of composting and what ingredients will make the perfect compost recipe. The goal of this lesson is to encourage and promote proper disposal of waste, learn ways to divert waste from the landfill, improve waterways, and to Keep Beaufort County Beautiful.



Recycling

Reduce, Reuse, Recycle

Contact Information:

Valentina Palacio
Environmental Education Coordinator
843-255-2827
laura.palacioruiz@bcgov.net

Lesson Focus & Goals

Students will learn about recycling in Beaufort County and why recycling and waste reduction is important. Additionally, students will learn different methods to reduce, reuse, and recycle. The goal of this lesson is to encourage and promote proper disposal of waste, learn ways to divert waste from the landfill, improve waterways, and to Keep Beaufort County Beautiful.

Activity:

Each grade level will have an age appropriate hands on activity to complete that demonstrates the importance of recycling and reducing waste.

Key Words:

- Refuse
- Reduce
- Reuse
- Repurpose
- Recycle

Reflection:

- Why should we focus on recycling?
- What can be recycled in Beaufort County?
- What items should not be put in the recycling?
- What are 5 important R's of recycling?
- What are some ways to reduce waste?



Recycling

Reduce, Reuse, Recycle

Contact Information:

Valentina Palacio
Environmental Education Coordinator
843-255-2827
laura.palacioruiz@bcgov.net

Relevant SC Science Standards

- **Kindergarten**
 - K.E.3B.1: Use tools to gather data about how humans affect their environment.
- **Grade 1**
 - 1.E.4B.2: Explain the importance of reusing and recycling.
- **Grade 2**
 - 2.S.1A.3: Develop simple models to represent solutions to human problems.
- **Grade 3**
 - 3.E.4B.3: Explain how human activities like recycling affect Earth's resources.
- **Grade 4**
 - 4.P.4A.2: Develop models to explore energy transfers during recycling processes.
- **Grade 5**
 - 5.E.3B.2: Investigate how human activities impact natural resources and how these effects can be mitigated.

Reflection:

- Why should we focus on recycling?
- What can be recycled in Beaufort County?
- What items should not be put in the recycling?
- What are 5 important R's of recycling?
- What are some ways to reduce waste?



Lesson Focus & Goals

Students will learn about recycling in Beaufort County and why recycling and waste reduction is important. Additionally, students will learn different methods to reduce, reuse, and recycle. The goal of this lesson is to encourage and promote proper disposal of waste, learn ways to divert waste from the landfill, improve waterways, and to Keep Beaufort County Beautiful.

Stormwater

Stormwater's impact

Contact Information:

Valentina Palacio
Environmental Education Coordinator
843-255-2827
laura.palacioruiz@bcgov.net

Lesson Focus & Goals

Students will learn about stormwater in Beaufort County and why stormwater is important especially in our coastal community. Additionally, students will learn different methods on how they can have a positive impact in stormwater in our local area. The goal of this lesson is to encourage and educate on the importance of stormwater within our coastal community, improve waterways, and to Keep Beaufort County Beautiful.

Activity:

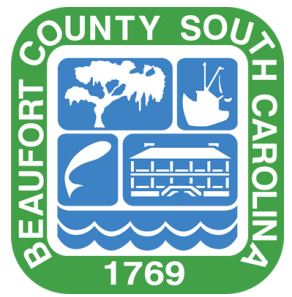
Each grade level will have an age appropriate hands on activity or presentation to complete that demonstrates the importance of stormwater management.

Key Words:

- Storm drain
- Stormwater
- Pollutants
- Discharge
- Run off

Reflection:

- Why is stormwater important in Beaufort County?
- What is stormwater?
- How does stormwater impact the environment?
- What are ways I can positively impact stormwater?



Stormwater

Stormwater's impact

Contact Information:

Valentina Palacio
Environmental Education Coordinator
843-255-2827
laura.palacioruiz@bcgov.net

Relevant SC Science Standards

- **Kindergarten:**
 - K.E.3A.1: Investigate how sunlight and precipitation impact Earth's surface features.
 - K.E.3B.2: Develop and use models to show how Earth materials like soil are affected by wind and water.
- **Grade 1:**
 - 1.E.4B.1: Develop models to represent the effects of water movement on landforms.
- **Grade 2:**
 - 2.E.2A.2: Use tools and models to describe water's role in shaping the land.
- **Grade 3:**
 - 3.E.4A.1: Develop models to describe how the Earth's systems interact.
 - 3.E.4B.3: Use evidence to explain how human activities affect water quality and quantity.
- **Grade 4:**
 - 4.P.4A.4: Develop models to explore how energy from water (rain) affects the environment.
- **Grade 5:**
 - 5.E.3A.3: Use models to represent interactions between the geosphere, hydrosphere, atmosphere, and biosphere.
 - 5.E.3B.2: Investigate how human activity impacts water systems.

Reflection:

- Why is stormwater important in Beaufort County?
- What is stormwater?
- How does stormwater impact the environment?
- What are ways I can positively impact stormwater?



Lesson Focus & Goals

Students will learn about stormwater in Beaufort County and why stormwater is important especially in our coastal community. Additionally, students will learn different methods on how they can have a positive impact in stormwater in our local area. The goal of this lesson is to encourage and educate on the importance of stormwater within our coastal community, improve waterways, and to Keep Beaufort County Beautiful.