

What Takes Longer to Biodegrade?

Here's the Facts:

Cardboard: 2 yrs.

Clothing: cotton = 1-5 months, nylon = 30-40 yrs., leather = 50 yrs., wool = 1-5 yrs.

Metal: aluminum = 250-500 yrs.

Shoes: rubber boot sole = 50-80 yrs.

Purses: leather = 50yrs.

https://www.nps.gov/teachers/classrooms/things_stick_around.htm

Activity Option 1: Quiz

Which takes longer to biodegrade?

Cotton or nylon? Nylon!

Cotton takes 1-5 months while nylon takes 30-40 years!

Nylon or Leather? Leather!

Nylon takes 30-40 years while leather takes 50 years!

Leather or Wool? Leather!

Wool takes 1-5 years while leather takes 50 years!

Aluminum or Rubber? Aluminum!

Rubber, such as a rubber boot sole takes 50-80 years while aluminum takes 250-500 years!

Activity Option 2: Interactive Quiz

Which Takes Longer to Biodegrade:

Take the red circle and stick it on the material you think will take longer to biodegrade. Then lift the flap to see the answer revealed!

Cotton

Nylon

Nylon

Leather

Leather

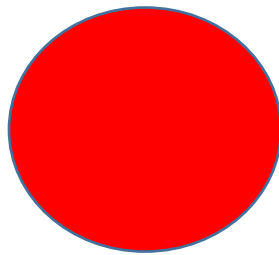
Wool

Aluminum

Rubber

Cardboard

Cotton



Activity Option 3: Interactive Quiz 2

Which Takes Longer to Biodegrade:

<p>Less Than 1 Year</p> <p>Velcro</p>	<p>Velcro</p> <p>2-5 Years</p>
<p>30-40 Years</p> <p>Velcro</p>	<p>Velcro</p> <p>50-80 Years</p> <p>Velcro</p>
<p>Velcro</p> <p>250-500</p>	<p>Velcro</p> <p>500+</p> <p>Velcro</p>

Nylon

Cotton

Rubber

Aluminum

Cardboard

Wool