Impacts and Implications of Environmental Issue High School Futures Studies

November 2021

ACTIVITY 3

THE IMPACTS AND IMPLICATIONS OF ENVIRONMENTAL ISSUES



Single-use Plastic



过度使用塑料

Think of the immediate effects from single-use plastics

Chemicals in plastic create sickness and diseases

Creates more trash

Single use plastic

More space for landfills rather than for human living



Burning trash pollutes the air

Pollute the sea

FUTURES WHEEL

1ST ORDER IMPACTS -THE EFFECTS WE FEEL IMMEDIATELY

2nd order impacts

Chemicals in plastic create sickness and diseases

Creates more trash

Single use plastic

More space for landfills rather than for human living

Pollute the sea



Science about plastics and more sustainable alternatives

Burning trash pollutes the air

Air quality declines in landfill areas people start to move away from those areas

Fish and seafood not safe for consumption

More people suffer from respiratory diseases

Sea animals die from pollution





FUTURES WHEEL

2ND ORDER IMPACTS -THE CONSEQUENCES OF THOSE 1ST ORDER EFFECTS WE FELT

Work in Group

Step 1: Think about the immediate impacts of an environmental issue

Step 2: Think about the consequences of those 1st order impacts

A piece of poster A bag of writing materials





Futures Wheel 1st Order Impacts

[impact 1]

Emerging Environmental Issue

[impact 4]



[impact 2]

[impact 3]

[impact 5]

2nd order impacts

What are the consequences of the 1st order impacts after a few months or **1,2 or 3 years?**

2nd order [impact 1]

[impact 1]

2nd order [impact 2]

[impact 4]

2nd order [impact 2]



[impact 2]

[impact 3]

Emerging Environmental Issue

[impact 5]

2nd order [impact 2]



CHANGE

INPACTS OF CHANGE

Consequences of Change



Thinking About the

There Are More Than One Future

The Future* Is Pural

Possible, Alternative Futures