

# Sustainability Challenge



**How can we make a difference in our  
community?**

# How can we make a difference in our community?



Your task is to create a display to present your product/ solution to the challenge for the Science Fair. You will need to include in your display the design thinking process you went through.

## DEFINE

What is sustainability?

What is the problem?



Define

## DISCOVER

Better understand the problem.

Research and present information about ways we are sustainable in our community.

Include references and websites and local organisations who support us.



Discover

## DREAM

Brainstorm together to Imagine a solution and explore possibilities.

How many ideas can you come up with?

How can we be more sustainable in our community?

What is your best idea?



Dream

## DESIGN

Which idea will you try first?

What steps will you need to take to create a real world product or solution.

What will you design to test your idea?

What resources do I need?

Gain feedback from others to evaluate sustainable action/product proposed.



Design

## DELIVER

Produce a product or solution

Discuss, adapt, review and adjust

Present your findings for the Science fair.



Deliver

## DEBRIEF

Reflect/complete rubric and gain feedback from peers and teachers.

What was done well and what could have been done better?



Debrief

# DEFINE

What is sustainability? What is the problem?



Define

# DISCOVER

What's happening in our community?



Discover



Dream

# DREAM

What are some possibilities we can come up with?

# DESIGN

What is our best idea? How can we create a real product or solution?



Design

**DELIVER-** How will you present your product/solution at the Science Fair?



Deliver

NAME: \_\_\_\_\_



### Sustainability Challenge- How can we make a difference?

Creative of design			
Everyone was open to feedback and new ideas			
Realistic option			
Redesigned and adjusted when required			
Eye catching display			
My contribution to my group			
How we worked together			

Peer feedback :

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Teacher comment:



# Sustainability Challenge- Self Reflection

How well did our team work together?

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What worked well?

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What didn't work well?

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What adjustments did you have to make on the way?

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How do you feel about the final proposal and display?

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What learner dispositions helped our team succeed?

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How do you think you could improve next time?

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What did you enjoy the most?

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