

# REALSCIENCE CHALLENGE

Science. Social Justice. Activism

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## Episode 1 PolyMask for the PolyMath!

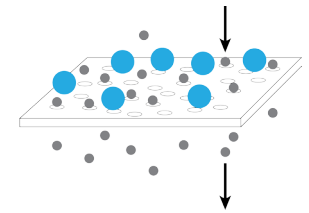
MORE REALSCIENCE!

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illustrate your idea + **label your drawings**



(1) polypropylene  
cloth mask



(2) traps more  
water droplets

make **2** drawings that would connect (1) with (2) i.e. how does one lead to the other

## Connection Corner

**1** *What I just learned makes me think about \_\_\_\_\_*  
*a topic you learned in school*

*because...*

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**2** *What I just learned makes me think about \_\_\_\_\_*  
*an event related to my community, nation or world*

*because...*

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**3** *What I just learned makes me think about \_\_\_\_\_*  
*then time when I...*

*because...*

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## Question Composition

**VARIABLE:** anything that can change or be changed

**OBJECT:** an item, group, process, phenomenon or system being studied

### 1 Descriptive Question

What is the \_\_\_\_\_ of \_\_\_\_\_?  
**variable** **object**

Ex. What is the body temperature of land turtles?

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### 2 Comparative Question

How does the \_\_\_\_\_ for \_\_\_\_\_ differ from \_\_\_\_\_?  
**variable** **object 1** **object 2**

Ex. How does the body temperature for land turtles differ from sea turtles?

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### 3 Correlative Question

What is the effect of \_\_\_\_\_ on \_\_\_\_\_ in \_\_\_\_\_?  
**variable 1** **variable 2** **object**

Ex. What is the effect of caloric intake on body temperature in land turtles?

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