

NAME:

CLASS:



NIAGARA PENINSULA  
**CONSERVATION**  
AUTHORITY

DATE:

## Applying the Scientific Method

# EXPERIMENT:

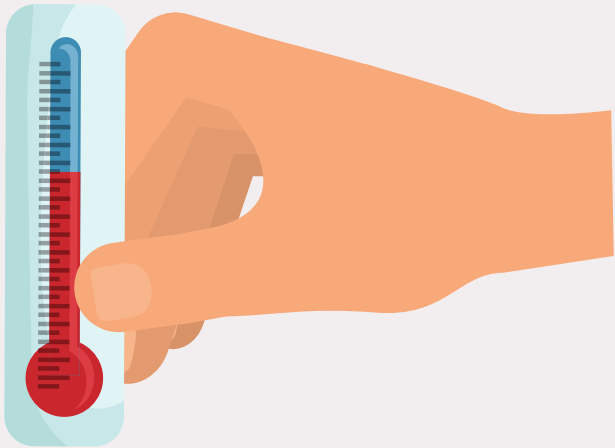
Purpose:

Hypothesis:

Procedure:

Analysis:

Conclusion:



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# OBSERVATIONS:

Name of Family Member

Temp outside mitten

Temp inside mitten

Temp inside mitten  
with hand inside

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# WHO HAS THE WARMEST MITTEN EXPERIMENT

This is the science behind different types of mitten materials! Your kids will have a blast trying to compete to see who in the family has the warmest mitten!

## Materials:

- One mitten from every member of the family
- A thermometer
- The observation sheets

## Procedure

1. You will be conducting measurements of different temperatures of mittens
2. Take the temperature of the air outside of your mitten. This could be beside or on top.
3. Take the temperature inside each mitten
4. Have someone put their hand inside the mitten. Wait 2 minutes. Take the temperature of their hand inside the mitten
5. For older children, go through the scientific process. Have them make a hypothesis, discuss different materials and how they hold in heat. Have them analyze their results and have them explain why they think they got the results they did.