

Name: _____

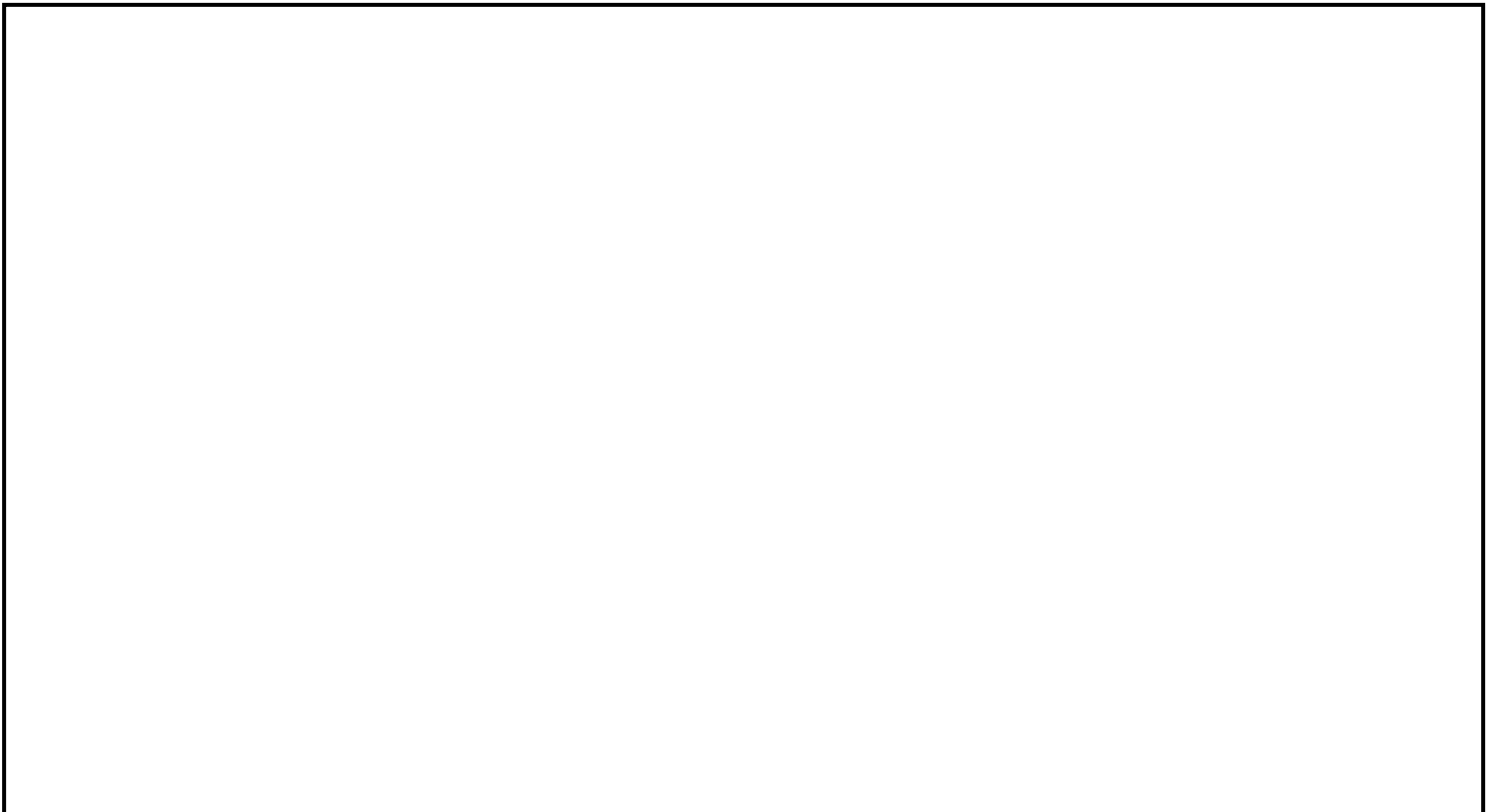
Date: _____

#: _____

Making a Solar Oven

On your own, list the materials you would choose to make your solar oven and why:

Draw a picture of what your solar oven would look like:



Name: _____

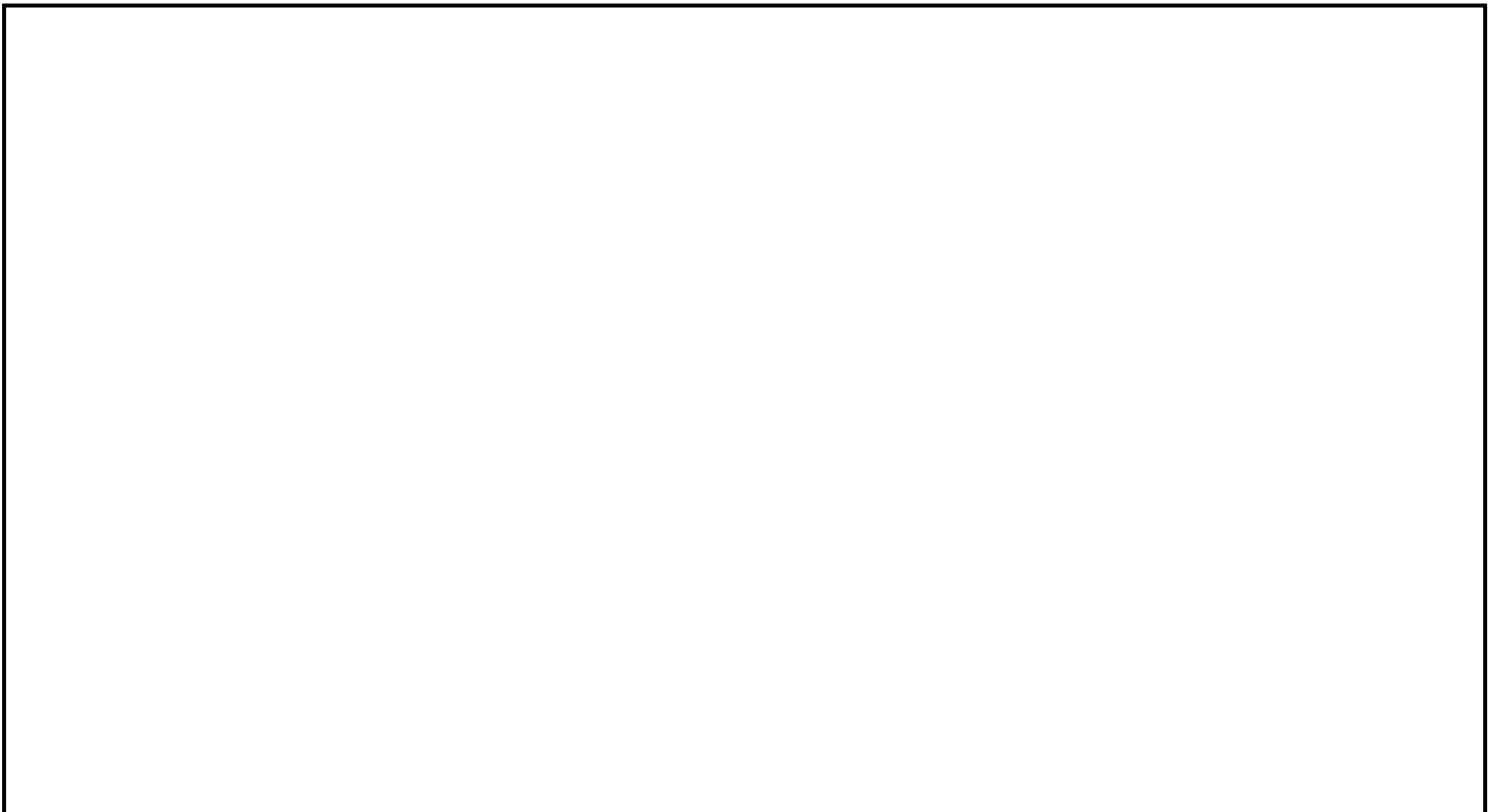
Date: _____

#: _____

Making a Solar Oven

As a team, decide on what materials you have decided to use and make a list of the materials your group chose to make your solar oven and why:

Draw a picture of what your solar oven will look like:



Name: _____

Date: _____

#: _____

Making a Solar Oven

We will be graphing the temperature inside of your box each time we go outside. Please record the time that you graphed the temperature.

Attempt Number ONE

Date	Time	Temperature	Changes (+ or -)

What was the highest temperature that your oven reached? _____

Whose oven got to the highest temperature? _____

Why do you think their oven got the hottest? _____

Whose oven melted the marshmallows and the chocolate? _____

What could you have done to make your solar oven work better?

Name: _____

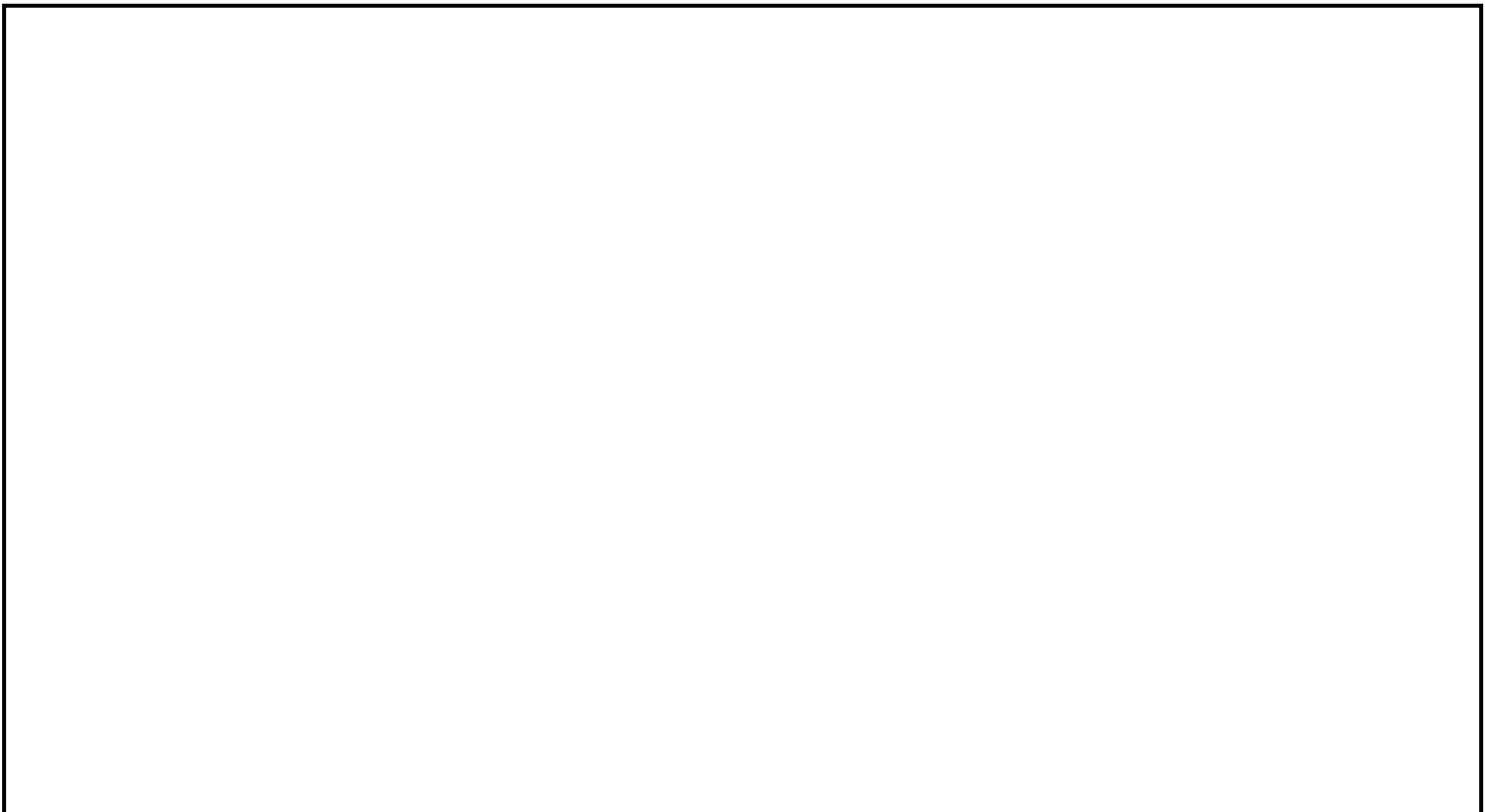
Date: _____

#: _____

Making a Solar Oven

You are now going to get the chance to add or take away two things from your oven. As a team, decide on what materials you have decided to use and make a list of the materials your group chose to make your solar oven and why:

Draw a picture of what your solar oven will look like now:



Name: _____

Date: _____

#: _____

Making a Solar Oven

We will be graphing the temperature inside of your box each time we go outside. Please record the time that you graphed the temperature.

Attempt Number TWO

Date	Time	Temperature	Changes (+ or -)

What was the highest temperature that your oven reached? _____

Whose oven got to the highest temperature? _____

Why do you think their oven got the hottest? _____

Whose oven melted the marshmallows and the chocolate? _____

What could you have done to make your solar oven work better?

Graphing Your Data

120								
110								
100								
90								
80								
70								
60								
50								
40								
30								
20								
10								

Temperature

Time							