

# Experiment:

## Rubbing erasers, hands and ice cubes



### Equipment:

- An infrared camera
- An eraser
- Ice cubes

### Part 1:

#### Prediction:

One of you will rub his or her hands quickly against each other. How will the hands feel? What will it look like with the infrared camera?

#### Observation:

Rub the hands together, while the others observe in the infrared camera. How does it feel? What does it look like?

#### Explanation:

Explain the outcome of the experiment. Did your observations differ from your predictions?

### Part 2:

#### Prediction:

You will rub the eraser against the table. What will it look like on the screen of the infrared camera?

#### Observation:

Rub the eraser against the table. What does it look like with the infrared camera?

#### Explanation:

Explain the outcome of the experiment. Did your observations differ from your predictions?

### Part 3:

#### Prediction:

You will rub an ice cube against the table. What will it look like with the infrared camera?

#### Observation:

Rub the ice cube on the table, while the others observe in the infrared camera. What does it look like?

#### Explanation:

Explain the outcome of the experiment. Did your observations differ from your predictions?