

## 4-H Science Sisters - Mass

“What will happen to the mass of a bag of microwave popcorn after it is popped? Will it increase, decrease, or stay the same?”

### Supply Needs:

- Kitchen scale
- Microwave
- Microwave popcorn
- Paper/pencil

### Predictions:

Weight of popped vs. un-popped popcorn will:

\_\_\_ Increase    \_\_\_ Decrease    \_\_\_ Stay the same

Weight of un-popped popcorn: \_\_\_

Weight of popped popcorn: \_\_\_

**What happens when we open a bag of popped popcorn?**

**What happened to the mass?**

