



Exploring Heated Air

This unit guide contains:

- Teacher Notes
- Setup Instructions
- Bill of Materials
- Scope and Sequence
- Assessments

Teacher Notes

- Exploring Heated Air requires 9-16 class periods, or approximately two weeks. Each class period is equivalent to 30 minutes.
- All references to pages within the scope and sequence of this unit guide are located in the *K-2 STEM Collection: Traveling Through Air* teacher's guide. This book is provided separately.
- All student resources are located in the *Finding Out About Heated Air* student book.
- Scissors are common items that are the responsibility of the purchaser. Plastic bags are also not included.
- To reorder consumables, go to www.pitsco.com. The product number for each item is provided in the bill of materials, or you can order the consumables for your entire class by visiting the Elementary STEM Units section on Pitsco's website.

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Setup Instructions

- Label all bins and loose items (lamps, water bottles) with “Exploring Heated Air.” Additionally, label the bottles “Water.” Fill the liter bottles with water and place lightbulbs in lamps. Place the hair dryer at the teacher desk. These items can be stored in a flip-top bin when they are not in use.
- Bin 1: Gray Bin
 - Place the unit guide, teacher’s guide, spiral templates, and student books into the bin.
 - Label the bin “Teacher Resources.”
- Bin 2: Jumbo Blue Bin
 - Place the clear tape, thermometers, spoons, fabric, string, and modeling clay into the bin.
 - Label the bin “Activity Supplies.”
- Bins 3-8: Gray Bins
 - The remaining six gray bins are used in Activity 1. Label them “Activity 1.”