To be an explorer doesn’t always mean going to new places. Sometimes, exploration can happen all around you. The Science ATL Passport is a guide for kids to be scientific explorers without ever needing to leave Atlanta. There are always new discoveries to unearth!

HOW DOES IT WORK?

Using our senses (sight, smell, touch, hearing and taste) to frame our exploration, the passport will engage young scientists in expeditions close to home. There’s space to record notes, drawings, and questions. Record 14 different explorations with your young scientist(s) and return the Passport to Science ATL headquarters for a prize (check online for more information).

We’ve provided ideas for different sense-related explorations, and also included several blank graphed pages. These are for young scientists to use in any way that helps them be explorers! Some ideas…

- Make an experiment plan
- List out materials
- Make a prediction (or hypothesis) about the outcome of the experiment
- Drawings of observations
- Results or reflections about what happened

Humans are naturally curious, and there’s no reason we can’t all be explorers and scientists to answer the questions that we have about the world around us. We hope this Passport will help guide you and your young scientist to wonder and learn about the world.

If your scientist(s) prefers to think outside the box and feels limited by the design of the Passport, encourage them to follow their curiosity wherever it may (safely) lead. We hope they will still record observations or results of their unique journeys. But, if they are not interested in doing any documentation or reflection in the empty spaces, that’s OK too! They won’t be eligible for a prize, but will still experience lots of science!

GETTING STARTED

Flip through the passport - read the first few pages and pick a sense to start with. No need to go in order! We’ve provided a list of experiments/activities to get you started. Talk to your young scientist(s) and see if there’s anything that interests them. Then begin the journey, using the scientific method to steer the exploration. See our examples on the following page!
Make an Observation
Did any of the suggestions pique your curiosity? Is there anything else about your own experiences with one of the senses always baffled or amazed you?

Ask a Question
Come up with a specific question you want to answer or problem you want to solve.

Make a Hypothesis & Design an Experiment.
What do you think will be the result? What are you going to do to find the answer to your question?

Analyze Data and Draw a Conclusion
Look at your results and decide what you’ve learned. Were you able to answer your question?

Experience Science in Atlanta
For more resources and information on how to turn your passport in for a prize, visit us online at https://scienceatl.org/passport

Traducción al Español disponible aquí: https://ScienceATL.org/passport

SCIENCE ATL IS GRATEFUL FOR THE SUPPORT OF

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