

ADVENTURES FOR LITTLE INVENTORS

Overview of the 12 volume booklet collection covering 48 activities. Each thematic book has 4 activities, inspirational questions, and open-ended prompts to continuously build beyond the instructions.

* This entire collection of booklets are for ages 4-8.

The activities labeled **yellow** are great for beginning projects for the youngest inventors at ages 4-5.



For courses, curriculum-aligned lessons, and other fun resources:

classroom.strawbees.com

	THEME	THEME DESCRIPTION	ACTIVITY NAME	ACTIVITY DESCRIPTION
Vol. 1	My Friends and I	Let's work together, share, and always think about others. Play games, make gifts for friends, and build the tallest towers you can!	Friendship Circles	Make a circle of friends holding hands with colors and symbols representing what students feel friendship means to them.
			Tower Game	Create cubes as large building blocks to stack for constructing large tall towers.
			Sharing Ice Cream	Create a cone and scoops of ice cream for a sharing game.
			Collaborative Tree	Find leaves outside to observe their features, build a model, make a trunk from upcycled materials and attach leaves for a tree.
Vol. 2	Me and My Surroundings	Take a look at your smile, family, home, and the surrounding culture that makes up who you are.	My Face and Smile	Create a mask that represents you: your smile, hair, eyes, and features.
			Family Tree	Identify members of your family with their drawn portraits and tape to a Strawbees tree.
			My Home in My Neighborhood	Create your house and add to a group neighborhood to view different places others live.
			My Body	Create a walking leg and foot. Create another leg with a friend to mimic the way you walk together.
Vol. 3	My Town	Learn about your town and the citizens who maintain a great neighborhood together.	Bridge	Make a beam bridge to cross over between two cities. Combine together with other beam bridges to extend the reach!
			Playground	Build a swing set for a play space and create more playground equipment.
			Town Protectors	Identify the town protectors in an emergency and build a protector.
			Grocery Store	Create a store with fruit and vegetables to buy and trade with others.
Vol. 4	Animals, Plants and Nature	Connect with the natural world and learn about the plants and animals that live within!	Sea Animals	Create an octopus as an animal that live in the ocean.
			Flowers	Find real flowers to observe then recreate a version based on findings.
			Insects	Observe insects from real life or from books then create the simple body frame of an insect and change it's wings.
			Large Animals	Compare the types of animals in land and sea then build a giraffe and another variation a large animal.
Vol. 5	Health and Safety	Practice safety skills when it comes to the road and take care of your growing body to become independent!	Care of Myself	Construct a set of brushes for grooming and self care.
			Traffic Safety	Make a road sign with friends and play a traffic safety game.
			Safety Glasses	Construct a set of safety glasses.
			Good Food	Build a protein, vegetable, fruit, grain, and dairy from each food group.

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Vol. 6	Using Tools	Let's look at home for the tools we use in our everyday lives. Then look at tools useful for an engineer and farmer where many we already use!	What Is Inside My Home?	Look at the different items found inside your own home & make mini models of them.
			Building Tools	View a range of tool types and their purpose for construction. Build a hammer to nail into a small pyramid.
			Farming Tools	Create a watering can and hoe to sow seeds in a farm.
			Water Wheel	Use water to power a mill for grinding grain on a farm.
Vol. 7	Transportation	Explore and compare the different types of transportation by land, sea, and even space to reach new places.	Sailboat	Build a sailboat with a paper wind sail.
			Train	Design a multi-car train with paper wheels.
			Bicycle	Build a bicycle frame with spinning wheels.
			Spaceship	Construct a spaceship with an astronaut.
Vol. 8	My Culture	Do you find shapes, colors, or patterns representing something in your culture? Learn more about your own culture and create symbolic art.	Window Art	Create an art piece to hang in the window with drawn symbols and shapes to shine with sunlight.
			Flag	Create a national flag or a design a brand new one with symbols and colors.
			Kite	Construct a flying kite with paper and string looking at the other designs of kites in other cultures.
			Lantern	Create a lantern and learn the meaning of color and cultural ties.
Vol. 9	Our World	Let's learn about the world, the people, and cultures within.	Planet Earth	Identify the world continents then build and create Earth.
			Letters and Characters	Build a letter or character to write a name.
			Monuments	Build a set of small pyramids together to create one of the Great Pyramids of Giza.
			Carnival Mask	Create a mask to express and wear for a carnival.
Vol. 10	Environment and Our Lives	Understand the environmental impact of recycling and conservation to keep Earth healthy for future kids.	Garbage Grabber	Build a grabber for picking up trash.
			Sorting Bins	Look at what trash is made of and sort into constructed bins for a sorting game.
			Arctic Animal Habitat	Explore the types of arctic animals in the north & south and create a home for them.
			Wind Power	Build a self-perpetuating wind turbine by spinning in circles to harness the wind for power.
Vol. 11	Seasons	Focus on changing aspects of the seasons learning about what happens to the environment and how we adapt!	Snowflakes	Learn about the winter season and make a snowflake learning that no snowflakes are alike.
			Rain Umbrella	Build an open and close umbrella for the spring season with a lot of rainfall.
			Sun Hat	Create a sun hat to protect from the hottest periods of the summer season.
			Wind Chime	Create a wind chime for the windiest times for the Fall season.
Vol. 12	Shapes Around Us	What are the common shapes used in our lives or are found in nature? Build a square, heart, hexagon and star to find out!	Square Window	Create a window with multiple panels.
			Big Heart	Sculpt a large heart shape.
			Hexagon Beehive	Build a tessellation of hexagons and connect with other student's honeycombs for a large scale beehive.
			Night Star	Create a large star for the night sky.