

# BLINK AT HOME

## Inventor Kit

### What art can you make using found items?

#### Skills to Develop

- + Color identification
- + Shape identification
- + Creative thinking
- + Fine motor skills

#### Materials

- + Building materials: string, pipe cleaners, paper towel rolls, straws, LEGOs, craft sticks, cardboard, clothespins, paperclips, paper, coffee filters
- + Container
- + Glue or tape
- + Scissors
- + Inventor prompts [PDF]
- + Inventor tool checklist [PDF]

### WHAT TO DO

#### Prepare the Previous Night

1. Print the inventor prompts [PDF] and the inventor tool checklist [PDF] or use them as inspiration to create your own versions.

#### During the Learning Activity

1. Explain: inventors are people who create new things to solve problems. We are going to create our own inventor's kit. An inventor kit is filled with things inventors might need to build their inventions and ideas to get us started inventing.
2. Read through your inventor tool checklist together. Brainstorm other materials an inventor might use to create inventions and add them to the checklist. Check items off your list as you place them in your container.
3. Choose an inventor prompt. Discuss possible solutions. Challenge your child to create one of the solutions using the materials in their kit.
4. Encourage children to create several different solutions to the same problem. Discuss how prototypes may fail, but failure allows inventors to learn and try again. The process of building and testing is as important as the finished invention.

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#### Extend the Fun

- + Invent your own problems to solve.
- + Learn about famous inventors and the inventions you use in your life everyday.

# BLINK: INVENTOR KITS

Inventor tool checklist: Print, add options, and use

## Can I find the tools to be an inventor?

Found it!	What do I need?	Why do I need it?
	Journal	Journals are places for inventors to record their thoughts and draw pictures of their inventions
	Pencil	Pencils help inventors record all their best ideas and draw pictures of their inventions
	Building materials	Materials like blocks, LEGOS, and other building toys will help you build your inventions
	Recycled materials	Recycled materials like toilet paper tubes and clean yogurt containers can be perfect for building inventions
	Tape	Tape is great for holding things together while you build
	Glue	Glue is good if you want things to stay together for a long time

# BLINK: Inventor Kit

Inventor prompts: Print, cut, and use

Invent a new game

Make an invention that uses water

Invent a tool or machine to make your life easier

Make an invention that uses air

Invent something silly

Invent a 3D art project

Invent something out of “trash”

Invent a piece of furniture for your favorite toy

Invent a machine that can fling marshmallows

Invent a parachute for your favorite toy

Name a problem and invent a way to solve it

Invent a something that floats

Invent something to help make chores easier

Invent a stylish new hat

# BLINK: Inventor Kit

Inventor prompts: Print, cut, and use

Invent something that can help you scratch your back	Invent a costume for a pet
Invent something to help bring things up the stairs	Invent a spaceship
Invent a building that won't fall down in an earthquake	Invent a game to play while in the car
Invent a zipline for your toys	Invent new illustrations for your favorite book
Invent a ski lift for your toys	Invent a house for your favorite animal
Invent something to move your favorite toy across the room	Invent an alien that lives on another planet
Invent a new toy	Invent a way to help a friend or family member