



Storytime Activity Guide

Jabari Tries

by Gaia Cornwall

Jabari is back again but this time he's determined to build a flying machine. He plans, tries, and fails. He plans, tries, and fails again. Encouraged by his dad, and drawing inspiration from famous Black and Asian-American inventors, Jabari partners with his sister and finally accomplishes his goal.

Did you know?

Asking questions about what will happen next, comparing ideas, and making predictions are all parts of developing Critical Thinking! Let your child practice making predictions and asking questions as you read Jabari Tries together.

Talk about it!

At first, Jabari wants to try by himself. Are there things your child can do on their own? Talk to your child about the difficult things they can do independently, and about how much practice it took before they could do those things alone.

Jabari thinks about famous inventors in the past for inspiration. Do you ever look to other people for inspiration. ration? Talk to your child about your inspiration to keep trying when you need encouragement.

Finally, Jabari and his sister are successful inventors. Have you or your child ever been successful after working with a partner? Talk to your child about collaboration.

Play:

To inspire teamwork, work with your child, or children, to create the longest shadow you can.

- 1. Go outside and find your shadows. Do they change length depending on your position?
- 2. Now see if you can space yourselves apart to create one shared shadow. Your shadows must touch so instead of having two, or more shadows, your shadows will create one.
- 3. Work together to make the longest shadow possible. What happens if you space apart? What happens if you stand closer together?

What did you learn from the challenge? How well did the team communicate? Did you make adjustments to your plan? How long of a shadow were you able to make?

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Create!: Balloon-Powered Car

Every action has an equal and opposite reaction. Make this fun balloon-powered car with your child to introduce them to this concept. If the air goes into the balloon in one direction, which way will it shoot out? What will happen to the car? Once your car is built, you may need to make some adjustments to make it go faster or farther. What happens if you point the "exhaust" straw down? What happens if you add another balloon and straw? Have fun experimenting with your child and see what you can learn together.

Materials needed:

- Scissors
- Tape
- 2 Plastic Straws,
- 2 Rubber bands
- 2 Balloons
- 1 Piece of Cardboard,
- Crayons
- 2 Wooden Dowels
- 4 wheels (can be foam, cardboard, or plastic craft wheels)

Directions:

- 1. Have your child decorate the piece of cardboard with crayons
- 2. Cut two plastic straws to the width of the cardboard.
- 3. Help your child put one wheel on each of the dowels.
- 4. Help your child put each dowel through a piece of straw cut to the width of the cardboard.
- 5. Help your child put the wheel on the other side of the dowel.
- 6. Tape the straws to the bottom of the cardboard.
- 7. Help your child cut another small piece of straw, about 3 inches long. Attach it to a balloon with a rubber band, but be careful not to collapse the straw.
- 8. Tape the straw to the top of the car.
- 9. Blow up the balloon and watch the car roll!











