

# Amazing Kid Activity: Meet Praise Nwangozi, the Future Scientist



**Amazing Kid: Activity Book 1.0** by Praise Nwangozi

★★★★☆ 4.4 out of 5

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Meet Praise Nwangozi, a bright and curious 12-year-old who is passionate about science and making a difference in the world. This remarkable young

girl from Nigeria has already accomplished so much in her young life, and she is only just getting started.

Praise's love of science began at a young age. She was always fascinated by how things worked and loved to take things apart to see what made them tick. When she was 9 years old, she joined the Science Club at her school and quickly became one of the top students. She excelled in her science classes and loved participating in science fairs.

In 2021, Praise won the grand prize at the National Science Fair in Nigeria for her project on the effects of pollution on plant growth. Her project was so impressive that it was also selected to be presented at the International Science and Engineering Fair in the United States.

Praise is not only a brilliant scientist, but she is also a compassionate and caring young woman. She is passionate about helping others and using her science skills to make the world a better place. She volunteers at a local hospital and teaches science to younger children in her community.

Praise is an inspiration to all young people, especially girls. She shows us that anything is possible if you have a dream and are willing to work hard. She is a role model for all of us, and we can't wait to see what she accomplishes in the future.

### **Praise's Kid Activity: Build a Model Rocket**

Praise is passionate about inspiring other kids to love science. She created this kid activity to help you learn about the basics of rocket science and build your own model rocket.

#### **Materials:**

- 1 empty plastic bottle (2-liter size works well)
- 1 sheet of construction paper
- Tape
- Scissors
- 1 straw
- 1 piece of cardboard
- 1 small piece of clay

### **Instructions:**

1. Cut the bottom off of the plastic bottle. 2. Roll the construction paper into a cone shape and tape it together. 3. Tape the cone to the top of the plastic bottle. 4. Cut a small hole in the bottom of the straw. 5. Insert the straw into the top of the plastic bottle. 6. Make a small ball of clay and place it on the bottom of the cardboard. 7. Stand the rocket on the cardboard.

### **To launch the rocket:**

1. Hold the rocket upside down and blow into the straw. 2. The rocket will launch into the air.

### **Tips:**

\* You can decorate your rocket with markers, paint, or stickers. \* You can use different sizes of plastic bottles to make different sizes of rockets. \* You can experiment with different shapes of cones to see how they affect the rocket's flight.

### **Science behind the activity:**

\* Rockets work by using the principle of action and reaction. When you blow into the straw, you create a stream of air that pushes against the inside of the bottle. This creates a reaction force that pushes the bottle in the opposite direction. \* The shape of the cone helps to focus the stream of air and increase the rocket's speed. \* The clay at the bottom of the cardboard helps to keep the rocket stable when it launches.

We hope you enjoy this kid activity and learn a little bit about rocket science in the process. Thanks to Praise Nwangozi for inspiring us with her love of science!



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