



MAKING SCIENCE FUN!



POWER OF AIR SCIENCE KIT

SAMPLE QUIZ OR DISCUSSION QUESTIONS

OVERVIEW:

Test your students' understanding of the scientific concepts featured in the **Power of Air Science Kit** activities with an oral or written quiz. Just choose the appropriate amount and type of questions for your grade level.

GRADES:
3-5 Students



GRADES 3-5 STUDENTS

NAME: _____

1

Explain how you used a vortex to make water empty out of a bottle faster.

2

What does a vortex do to the air inside and outside the bottle?



GRADES 3-5 STUDENTS

NAME: _____

3

How did the tornado tube help the water and air exchange places?

4

What is the secret to filling the windbag with one breath? What makes it work?



GRADES 3-5 STUDENTS

NAME: _____

5 What made the empty pipette float on top of the water?

6 Why did the water-filled pipette float as well?



GRADES 3-5 STUDENTS

NAME: _____

7

What did you need to do to add to the pipette to make it dive or sink?

8

How did you change the pressure in the bottle to make the Cartesian diver sink or rise?



GRADES 3-5 STUDENTS

NAME: _____

9 Tell how you made your finger appear to be magnetic.

10 Explain what scientific concepts you used to make Tiny, the little blue squid, dance in the bottle.



NOTES



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