

KENNYWOOD EDUCATION DAY WEATHER WORKSHOP

Carnegie Science Center-Science on the
Road/Stephen Cropper WPXI - STUDENT COPY
5/23/17 - 11:00-1:00



Tornado Cannon

Multiple choice question:

Which formula illustrates how something as small as a blade of grass can become a dangerous projectile when propelled by the winds of a tornado?

- a. $E = mc$
- b. $F = ma$
- c. $u + me = US$
- d. $V = RI$

Van de Graff Generator

Multiple choice question:

In addition to an enclosed structure or building, what is a safe place to seek shelter during a lightning storm?

- A. A car
- B. A pool
- C. The top of a tall tree
- D. A low lying ditch
- E. B, C and D
- F. A and B
- G. D and A
- H. A and E
- I. All of the above

Liquid Nitrogen Volcano:

Multiple choice question:

Which basic biological function can be affected by a large volcanic eruption?

- A. Respiration
- B. Photosynthesis
- C. Digestion
- D. All of the above