



## Forecasting Disaster

Total Unit Running Time: 35-45\* minutes

NGSS Addressed: MS-ESS2-5, MS-ESS3-3, MS-ESS3-5

### FIELD TRIP: **Scott County Landfill**



Running Time: 9:04

NGSS: MS-ESS3-3

Find yourself immersed in the Scott County landfill with VictoryVR Host, Steve Grubbs, as you learn about the impact of garbage on our environment. Answering questions such as *Where does the garbage go?* and *What shouldn't be thrown in the trash?* are just a couple of concepts covered in this trip to the dump. For more information, please visit [WasteCom.com](http://WasteCom.com)

### INTERACTIVE EXPERIENCE: **Banana Breakout**



Running Time: Self-paced\*

Banana Breakout is similar to a traditional single-player pong game, but in this version, the student aims a bunch of bananas at correct answers to a proposed question. Monkeys hold the correct responses, and if "fed", will increase the student's score. Tigers hold incorrect answers, and if they receive the bananas, the student's score will decrease. Students begin with 3 lives, only losing one each time they miss catching the bananas. The goal of this interactive game is to play through as many levels of increasing speed before all lives are lost, building a maximum score.

### VIRTUAL COMIC BOOK: **The Life & Times of John Dalton**



Running Time: Self-paced\*

NGSS: MS-ESS2-5

#### Topics Covered

- Biography of John Dalton
- Meteorology and color-blindness research

#### Assessment Answer Key & Critical Thinking Skills

1. B (BT1--knowledge)
2. D (BT2--comprehension)
3. B (BT4--analysis)
4. A (BT3--application)
5. A (BT2--comprehension)

### THEATER: **Climate Change**



Running Time: 8:18

NGSS: MS-ESS3-5

#### Topics Covered

- Cause and effect of greenhouse gases
- Natural vs. man-made causes of climate change
- Humans impact on the environment

#### Assessment Answer Key & Critical Thinking Skills

1. D (BT1--knowledge)
2. A (BT2--comprehension)
3. D (BT3--application)
4. B (BT2--comprehension)
5. D (BT2--comprehension)

### TEACHER DEMO: **Blizzards with Wendy**



Running Time: 9:06

NGSS: MS-ESS2-5

#### Topics Covered

- Science behind conditions of snowstorms:  
Great Blizzard of 1978
- Effects of storms on society

#### Assessment Answer Key & Critical Thinking Skills

1. D (BT5--synthesis)
2. A (BT1--knowledge)
3. C (BT4--analysis)
4. D (BT2--comprehension)
5. D (BT6--evaluation)