

## NGSS Correlations

### Tornado Tubes SS-1

#### Elementary

**K-ESS3-2**

**3-ESS3-1**

Students can use this Tornado/Vortex Bottle Connector to obtain information about severe weather.

#### Middle School

**MS-ESS2-5**

Students can better understand how the motions and complex interactions of air masses results in changes in weather conditions, when using the bottle connections as an investigation of tornados.

#### High School

**HS-S&E**

Develop and use models to predict and show relationships among variables between systems and their components in the natural world.

#### Suggested Science Idea(s)

**K-ESS3-1**

**K-ESS3-3**

Use the Tornado/Vortex Bottle Connection to demonstrate the actions that take place during a tornado. Questions and conversations regarding weather forecasting to prepare for and respond to severe weather.

**MS-ESS2-5**

Make data collection relevant by allowing students to conduct investigations creating their own vortex weather chambers.

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