

Selected Resources From a Third-Grade YouTube-Enhanced Weather Unit

(listed in order of use in the unit)

Predicting Weather

www.youtube.com/watch?v=dqpFU5SRPgY

This well-produced, six-minute NASA video addresses the challenges of predicting weather using understandable terminology.

Predicting Rain

www.youtube.com/watch?v=mlnIAYaQRyg

A meteorologist explains processes associated with precipitation and how to interpret a typical weather map as seen on television.

Exploring Meteorology

www.youtube.com/watch?v=y0-uVQOc4oU&feature=related

This NASA-produced video builds on the prior example but introduces additional concepts such as evaporation, condensation, radiation, convection, and satellite imagery.

Tornado in a Bottle

www.youtube.com/watch?v=reEQfFVeJUw

A teacher provides directions on how to form a vortex in a bottle using simple, household materials.

Building an Anemometer

www.youtube.com/watch?v=SZpXGPMvJNo&feature=related

A step-by-step guide to building a wind-speed instrument

Thermometers

www.youtube.com/watch?v=bkL7BtiOVIE&feature=related

A description of what thermometers do and how to read the Celsius scale

The Water Cycle Song

www.youtube.com/watch?v=Yw275056JtA&feature=related

The melody and words that include the main ideas associated with the water cycle.

A Weatherman's Story: Craig Edwards

www.youtube.com/watch?v=o-s11LstVcg&feature=Playlist&p=75EB8B174A8DF439&index=10

A job description for a television weatherman with a glimpse at his responsibilities and tools.

A Virtual Tour of Weather Station

www.youtube.com/watch?v=Xnq5CP-eTMA

A meteorologist guides visitors on a tour of her television studio facilities.

Amazing Kansas Tornado Footage (Unedited)

http://www.youtube.com/watch?v=ZN2_czSBSD0&feature=related

A sample of tornado photographer Jim Reed's work documenting a tornado in Kansas

Inside the Tornado

www.youtube.com/watch?v=KzUTxZkU5pc&feature=related

A four-minute excerpt from a National Geographic documentary on tornados

Lightning

www.youtube.com/watch?v=gKPwkau0Dh0

www.youtube.com/watch?v=6ikvJrf_XYE&feature=related

Two brief videos featuring lightning strikes and thunder

Lightning Safety

www.youtube.com/watch?v=JXgT3HGiwIY

A four-minute video that provides lightning-related facts, myths, and safety tips

From Other Websites

The Weather Channel

www.weather.com

A comprehensive site that contains current and archived information on weather

Ask an Expert—Meteorologists

www.allexperts.com/browse.cgi?catLv=3&catID=668

A website that lists expert volunteers (including meteorologists) offering to answer questions from the public

Earthcam

www.earthcam.com/

A searchable directory of live, outdoor streaming videos from around the world

Tornado Safety

<http://video.aol.com/video-detail/tornado-drill-in-schools/269349123>

www.wesh.com/video/18640325

Two news reports on tornado safety in schools