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-uVQc4oU&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-sj1LstVcg&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