



TEACHER

Jamie Christian

SCHOOL

Heritage Hall Middle School

LOCATION

Oklahoma City, OK



LESSON MATERIALS

- Pen and paper
- Posterboard
- Craft supplies
- Props
- Video camera
- Computer/Laptop

“This interdisciplinary lesson gives students the chance to pair scientific concepts with creative and technical skills, which makes it a great STEM activity for students with various interests.” - Earth Networks Team

BECOMING A METEOROLOGIST

INTENDED STUDENTS

Middle school students, grades 5-8

DESCRIPTION

This lesson plan prompts students to write and produce their own 2-3 minute weather forecast as a team

LESSON INSTRUCTIONS

- Break students into groups of two: One person in each group is the meteorologist, and the other is the producer
- Have students choose a map of either their state, region, or country
- Have students choose a 5-day forecast or a 7-day forecast
- Have students prepare maps and forecasts that include:
 1. Areas of high and low pressure
 2. Two different types of fronts
 3. An area with precipitation (rain, snow, etc.)
 4. Temperatures (both highs and lows)
 5. Appropriately placed graphics
- Give students a week to select their project, create their weather maps, write their scripts, and practice them
- Instruct students to record their broadcast outside of school
- Let students present their final weather broadcast to the class