

Weather and Atmosphere: Weather Forecasting Lesson – Cool Weather Forecasting Facts Worksheet – **Answer Key**

Directions

Write three cool facts for each category of weather forecasting.

Weather Folklore

1. **Has been around since ancient times.**
2. **Based on observation of weather patterns.**
3. **Ground Hog Day – February 2.**

Computer Simulations

1. **Uses equations to predict future weather.**
2. **Pilots use computer programs to fly planes.**
3. **“Raw” weather data must be collected first.**

Weather Balloons

1. **Launched everyday – all over the world.**
2. **Carry radiosondes to collect data.**
3. **Send information back to Earth.**

Satellite Technology

1. **Shows what Earth looks like from space.**
2. **Information about Earth’s systems and climate.**
3. **Gives pictures of clouds, fire, dust, etc.**

Weather Radar

1. **Allows us to see inside a large cloud or storm.**
2. **Uses radio waves to detect precipitation.**
3. **Most weather radars are Dopplar radars.**