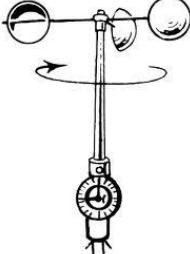
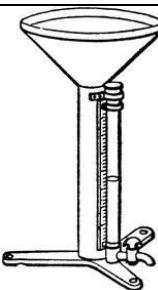
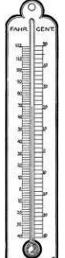


1. What is temperature?	The measure of thermal (heat) energy in the atmosphere.
2. What is air pressure?	The weight of air. (air temperature is one factor that determines this)
3. What kind weather does a <u>high</u> pressure system bring?	<ul style="list-style-type: none"> Fair weather (<i>heavenly</i> weather)
4. What kind of weather does a <u>low</u> pressure system usually bring?	<ul style="list-style-type: none"> Usually means cloudy or stormy weather, rain, storms (<i>lousy</i> weather)
5. What is a front?	The boundary between air masses of different temperature and humidity.
6. What is a cold front?	<ul style="list-style-type: none"> Is formed when a cold air mass pushes into a warm air mass Includes drops in temperature & often produces thunderstorms Symbol 
7. What is a warm front?	<ul style="list-style-type: none"> Is formed when a warm air mass pushes into a cold air mass. Brings slow change in weather, produces light rain or snow, & overcast skies Symbol 
8. Describe a cumulus cloud.	 <ul style="list-style-type: none"> They are fluffy and white with flat bottoms. They usually indicate fair weather. If they get darker they may produce thunderstorms. (<i>cumulonimbus</i>)
9. Describe a cumulonimbus cloud.	 <ul style="list-style-type: none"> A cumulonimbus cloud is a cumulus cloud that gets larger & darker They may produce thunderstorms & extreme weather
10. Describe stratus clouds.	 <ul style="list-style-type: none"> They are smooth and gray. They cover the whole sky. (block out direct sunlight) Light rain or drizzle may result.
11. Describe cirrus clouds.	 <ul style="list-style-type: none"> They are feathery. They are associated with fair weather. They often indicate that rain or snow will fall within several hours.

12. What is precipitation?	Rain, snow, sleet, or hail.
13. What can extreme atmospheric conditions cause?	Thunderstorms Hurricanes tornadoes
14. What is weather phenomena?	A very unusual weather event.
15. Describe a: hurricane, tornado, & thunderstorm:	Hurricane: A large tropical storm that forms over warm water near the equator. Wind speeds can reach 150 MPH. Thunder storm: A storm with thunder, lightning, & usually heavy rain or hail. Tornado: A powerful column of winds spiraling around a center of low pressure. It looks like a large funnel hanging down from a storm cloud.
16. Who gathers data and a variety of instruments to predict weather patterns?	A meteorologist
17. What does a barometer measure?	 It measures air pressure.
18. What does an anemometer measure?	 It measures wind speed.
19. What does a rain gauge measure?	 It measures the amount of precipitation.
20. What does a thermometer measure?	 It measures the temperature (thermal energy) of the air.