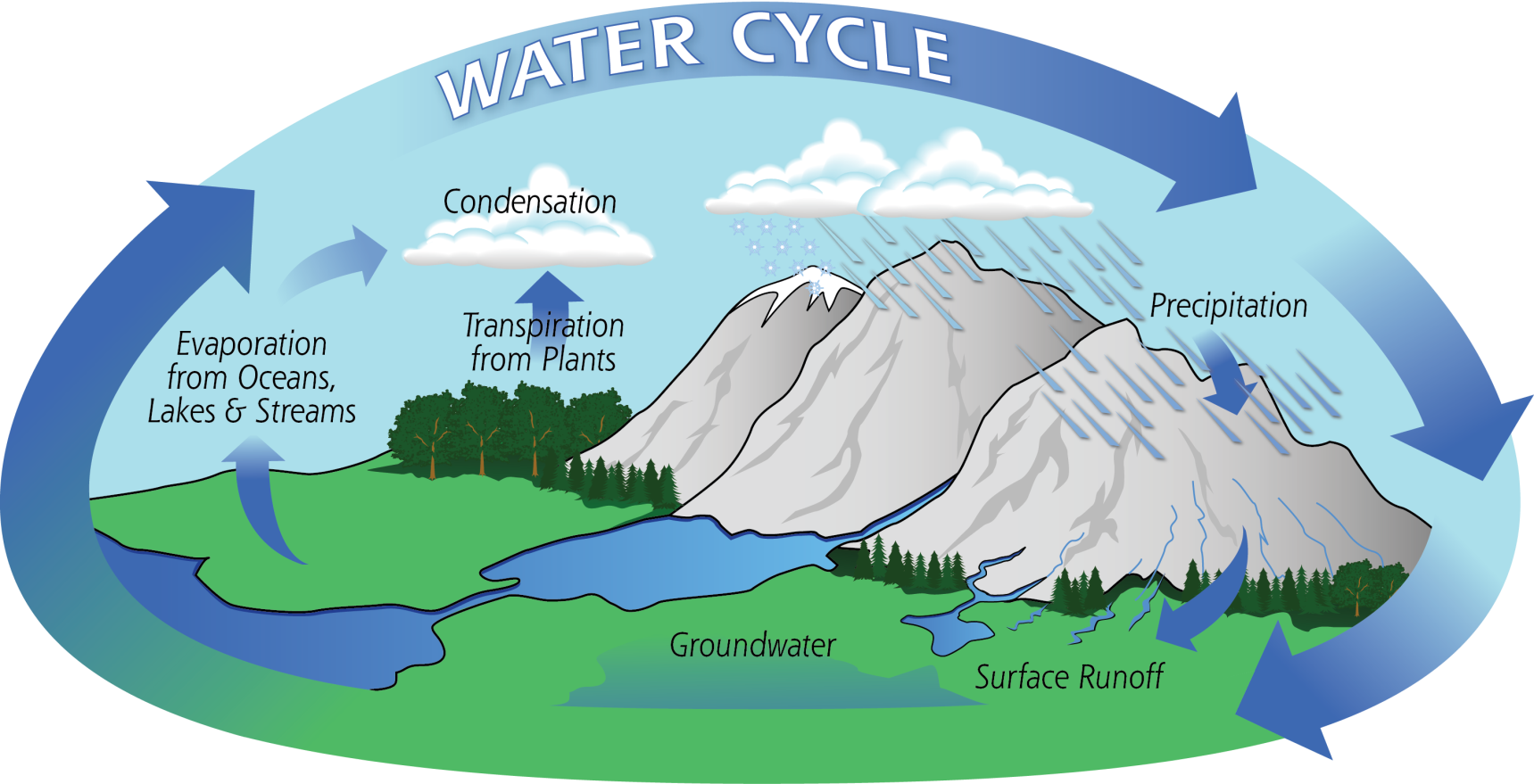
The Water Cycle

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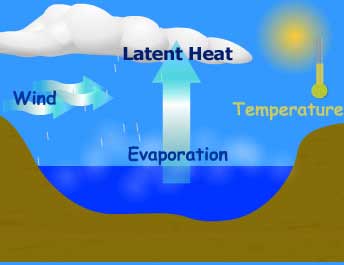
Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Important Vocabulary**

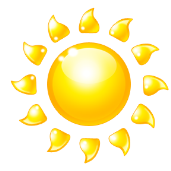
1. Water Cycle- the never-ending path water takes between Earth and the atmosphere
2. Evaporation-the changing of a liquid to a gas
3. Water Vapor- water in the form of a gas
4. Condensation- the changing of a gas into a liquid
5. Precipitation-water that returns to Earth as rain, snow, sleet, or hail
6. Collection- where water is held after it falls from the atmosphere (oceans, rivers, creeks, etc)

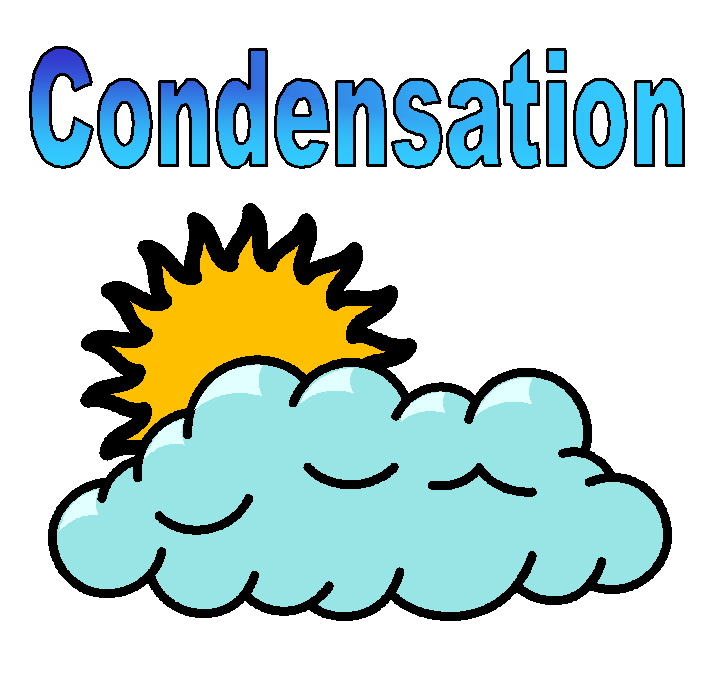
Water Cycle Facts

* The water cycle is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of water from the ground to the \_\_\_\_\_\_\_\_ and back to the ground by evaporation, condensation, and precipitation.
* The energy that drives the water cycle comes from the \_\_\_\_\_\_\_\_\_.
* Our water supply on Earth is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Pollution reduces the amount of usable water. We have to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of limited water supply.
* Water is a simple compound essential for \_\_\_\_\_\_\_\_\_ on Earth. Living cells are made mostly of \_\_\_\_\_\_\_\_\_\_\_.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=SesFMJKagdxenM&tbnid=4mExr1AoF-qVDM:&ved=0CAUQjRw&url=http://www.kidsgeo.com/geography-for-kids/0102-evaporation.php&ei=aul8Ut2XK7KvsQSc1oDwBA&psig=AFQjCNGr8ZR5Ciz1fMe8PaFszZTtdsEsEw&ust=1384004315685723)**Evaporation**

Evaporation is when the \_\_\_\_\_\_\_ heats up water in rivers, lakes, or oceans and turns it into \_\_\_\_\_\_\_\_\_\_\_\_ or steam. The water vapor leaves the river, lake, or ocean and goes into the air. When your parents boil water on the stove, the steam you see is evaporation!

**Evaporation: when liquid water is heated and changed to a gas**

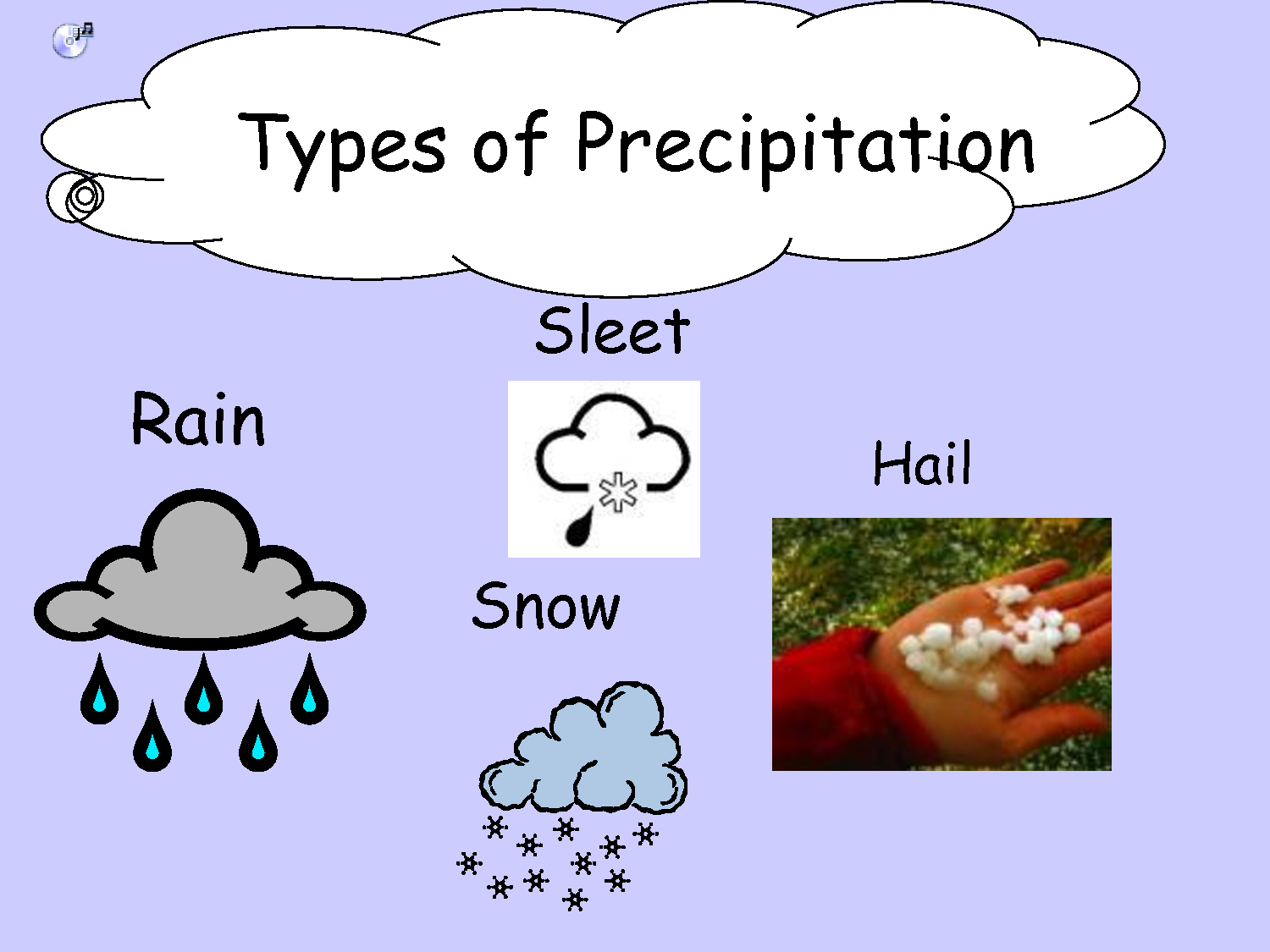
[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=0SUScXazVLjgXM&tbnid=1VrVgToMrYuWXM:&ved=0CAUQjRw&url=http://310waterdeepbelowscienceonline.blogspot.com/2010/07/second-step-of-cycle-condensation.html&ei=AgF9UujyMdK-sQSl0IKwAw&psig=AFQjCNGltPA8Kkm2FgYtRBTMOmuOumbJ4w&ust=1384009884632638)

Water vapor in the air gets \_\_\_\_\_\_\_\_\_\_\_\_ and changes to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ which forms CLOUDS.

When you have a cold drink and water droplets form on the outside, that is condensation!

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=Cxm1erMCv9-zvM&tbnid=b0bITEn8uf1WCM:&ved=0CAUQjRw&url=https://www.makewav.es/story/323636/title/myhomeworkaboutcondensationandevaperation&ei=3wF9Upa_KOblsATVr4HgBg&psig=AFQjCNGltPA8Kkm2FgYtRBTMOmuOumbJ4w&ust=1384009884632638)

**Condensation: when water vapor gets cold and changes into a liquid**

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Precipitation occurs when so much \_\_\_\_\_\_\_\_\_\_\_\_ has condensed that the air cannot hold it anymore. The clouds get \_\_\_\_\_\_\_\_\_\_\_\_\_ and water falls back to the Earth in the form of rain, snow, sleet, or hail.

**Precipitation: water as a liquid or a solid falls to the ground**

**Major Water Sources**

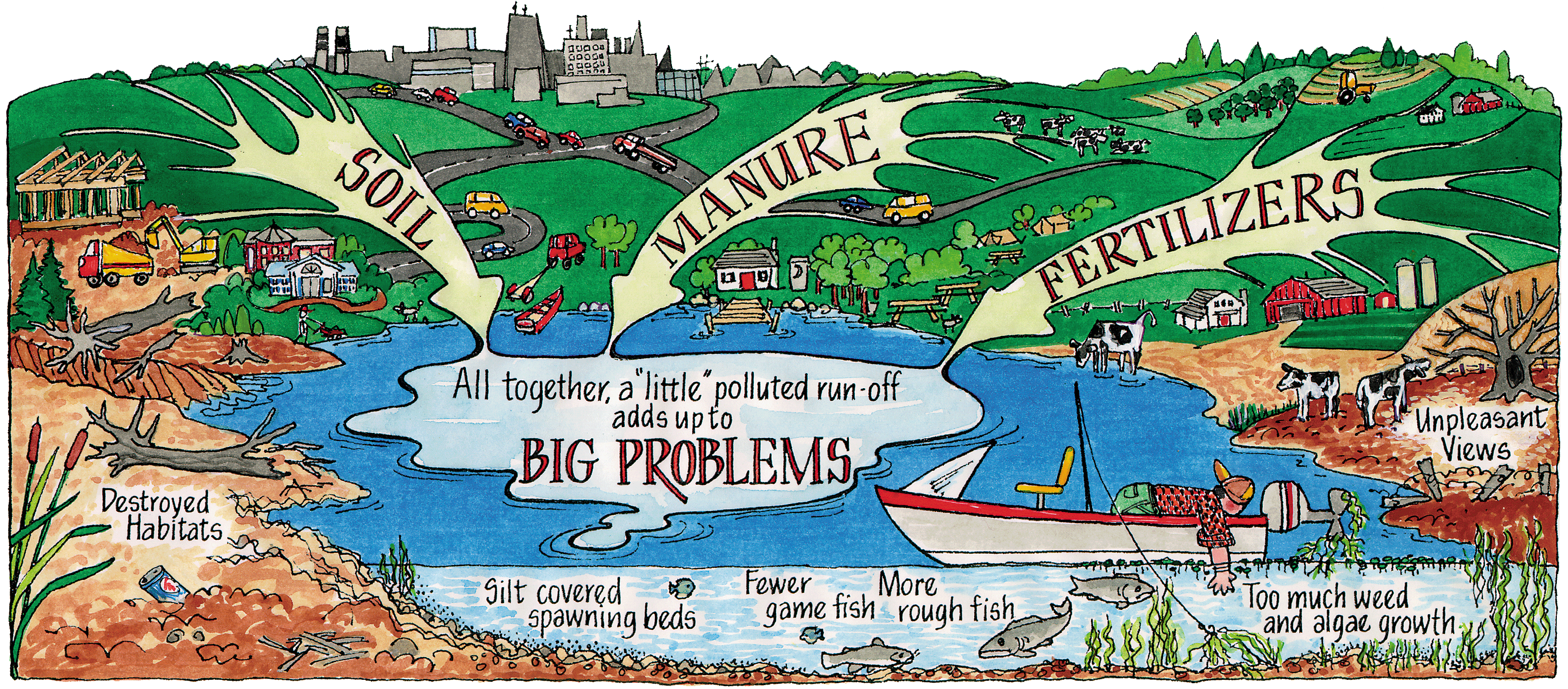
1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Local Water Sources**

1. **New River**
2. **Claytor Lake**

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**Possible Water Pollution**

[](http://www.google.com/url?sa=i&source=images&cd=&cad=rja&docid=VNv06N7Yz-ewDM&tbnid=gIXl2LJwS8md5M:&ved=0CAgQjRwwAA&url=http%3A%2F%2Fdict.space.4goo.net%2Fdict%3Fq%3Drunoff&ei=RzV9UvDWMZbdsASRkYLQCA&psig=AFQjCNH4jue9cA8FM6NW_Z4r_TNGy5AbhA&ust=1384023751931451)**Runoff**

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=T0zyqE4HIHDSkM&tbnid=O5QpqM5F_qUj3M:&ved=0CAUQjRw&url=http%3A%2F%2Fgreenliving.lovetoknow.com%2FHow_to_Stop_Water_Pollution&ei=4zV9UsuOGIXfsAS9goHwAg&psig=AFQjCNHXt3Ia05sErmpsHJEWEqmb8bUW0w&ust=1384023903474350)[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=kjiJAsQYJwX5JM&tbnid=8hRmiDKUt6EQqM:&ved=0CAUQjRw&url=http%3A%2F%2Fswitchboard.nrdc.org%2Fblogs%2Frhammer%2Fnrdc_petitions_epa_to_tackle_w.html&ei=ezV9Up3DPJOssQSytoDwAQ&psig=AFQjCNHZYUepR-x9J-HcGMf7BQOO7xQnsA&ust=1384023800649057) **Oil in Parking Lots Eroding Soil**