ES 11 Cloud WS Name:

*Use your notes and pages 506-507 to complete the chart.*

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| **Cirrus**Meaning: Altitude:Appearance: Weather: | **Cirrocumulus**Meaning: Altitude:Appearance: Weather: |
| **Altocumulus**Meaning: Altitude:Appearance: Weather: | **Cumulonimbus**Meaning: Altitude:Appearance: Weather: |
| **Altostratus**Meaning: Altitude:Appearance: Weather: |
| **Nimbostratus** Meaning: Altitude:Appearance: Weather: |
| **Cumulus**Meaning: Altitude:Appearance: Weather: | **Stratus**Meaning: Altitude:Appearance: Weather: |

1. Describe the three methods how clouds are formed.
2. Why does rising air cool? P508
3. Under what conditions do clouds with vertical development form? (p509)
4. Under what conditions do layer clouds form? (p510)
5. What is the difference between sleet and snow? p512-513
6. Explain how clouds are classified.