# iSTEM GPS Activity 3: Constellations!

**Group A Instructions**: Use the GPS to find each constellation point. Place a dot in your drawing area when you find each point! See if you can guess what the constellation is based on the clues and your drawing!

Your Drawing Area!

**This Constellation is:**

**Clues for Group A**:

1. Roman myth calls constellation Ladon. He was in charge of guarding the golden apples. Hercules shot and killed Ladon with an arrow, making way for Atlas to enter and pluck the golden apples. The goddess Hera was very saddened by the death of Ladon and placed him in sky for eternity.
2. Draco has also been identified in early Christianity as the serpent that tempted Eve in the Garden of Eden.
3. A Babylonian creation story tells of Tiamat, who turned herself into a dragon but was later defeated and split into two parts. One part became the heavens and the other, the Earth.
4. A Chinese tale sees the stars as the dragon who eats the Sun or in an eclipse. During a real eclipse, ancient Chinese would make as much noise as possible, banging on pots and pans to try and scare away the dragon which was eating the Sun or Moon.
5. A Norse creation myth tells of a dragon who gnaws at the roots of Ygdrasil, the tree that covers the world.
6. The prehistoric Adena people who lived in the Ohio area of the United States created Serpent Mound which is believed to mirror this constellation. This huge mound is nearly a quarter mile long.
7. The Persians have regarded this constellation as a man-eating serpent called Azhdeha.
8. This constellation is imagined as an alligator known as Shi-shu-mara. (Hindu)
9. This constellation is circumpolar, meaning that it never sets below the horizon and is always visible in the Northern Hemisphere, but cannot be seen in the Southern Hemisphere.
10. The stars of this constellation are not very bright, but five of them have known planets.
11. From early to mid-October, shooting stars known as the Draconids appear to radiate from this constellations head.

**Constellation List**

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| Andromeda | Eridanus | Norma | Sagittarius |
| Aquarius | Fornax | Ophiuchus | Scorpius |
| Aries | Gemini | Orion | Taurus |
| Cancer | Hercules | Pegasus | Ursa Major |
| Capricornus | Indus | Perseus | Virgo |
| Cassiopeia | Leo | Pleiades | Volans |
| Draco | Monoceros | Reticulum | Vulpecula |