

**D3 – Human Evolution**

1.) *Features of Primates [D.3.4]*

- All primates share certain characteristics Which identify them as primates:
  - Shoulder sockets allow for \_\_\_\_\_ or \_\_\_\_\_ (for swinging through trees)
  - \_\_\_\_\_ and \_\_\_\_\_ (and feet)
  - \_\_\_\_\_, \_\_\_\_\_ fingers (for fine motor skills and use of \_\_\_\_\_)
  - \_\_\_\_\_ (not claws) and finger \_\_\_\_\_ with ridges (\_\_\_\_\_ ) for better grasp/traction
  - \_\_\_\_\_ eyes, which allow binocular (3D) vision
  - Large/highly developed \_\_\_\_\_ (which interprets differences in vision between the left and right eye, to give the primates \_\_\_\_\_ )
  - High degree of \_\_\_\_\_
  - \_\_\_\_\_ childhood

2.) *Trends in Hominid (human-like creature) development [D.3.5]*

- Fill in the accompanying chart at the back of this package (titled “Human Evolution: Distinguishing features), using the PowerPoint provided, the Hominid Profiles section in the Becoming Human interactive documentary (see below), or the chart handout following this page.
- Then fill in the chart below, summarizing the general trends in features as hominids moved from being more ape-like to more human-like. Use the PowerPoint provided:

| Anatomical Feature         | Ape-like form | Human-like Form |
|----------------------------|---------------|-----------------|
| Position of Foramen Magnum |               |                 |
| Cranial Capacity           |               |                 |
| Canine Teeth               |               |                 |
| Molars                     |               |                 |
| Brow Ridge                 |               |                 |
| Face below brow            |               |                 |
| Jaw                        |               |                 |
| Height                     |               |                 |
| Skull Characteristics      |               |                 |
| Use of Tools               |               |                 |