HYPOTHESIS: all living things have developed from a common ancestor through the process of natural selection

1 IF hypothesis is true, THEN there must be **variation** among individuals within a species.

2. IF true THEN more offspring have to be born than survive.

3. IF true THEN there must be a difference between the offspring that survive and reproduce, and those that don't.

4. If true THEN species alive today should be different from species of the past.

5. IF true THEN it must be possible to demonstrate to slow change of one species to another.

6. IF true THEN there should find connecting forms between major groups.