**Kentucky State University**

**Beehive Temperature Collection Project**

**Components List**

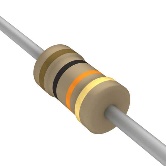
(1) Arduino uno

(1) AdaFruit Perma-Proto ½ Sized Breadboard

(1) MicroSD Card Adapter

(1) Battery????

(1) Red LED

(1) Green LED

(2) Resistors

(5) Temperature Probes\*\*

WIRE

BLUE RED GREEN YELLOW

(7) – ¾ inch (5) – ¾ inch (2) – 2 ¾ inch (1) – 5 ½ inch

(1) – 2 inch (1) – 2 inch (1) – 3 ½ inch (1) – 4 ½ inch

(1) – 3 inch (1) – 3 inch (2) – 4 ½ inch

* Each wire should be stripped ¼ inch on each end

\*\*TEMPERATURE PROBES

(1) LM35

(1) crow’s feet

(1) 3 feet of R/G/B wire

(1) Resistors

* Liquid tape or masking tape needed to seal wires