

GUMMY BEAR EXPERIMENT

<http://www.youtube.com/watch?v=dVRBDRAsP6U&feature=related>

1. Watch the film and decide if these statements are true (T) or false (F).

- This is the same process as in cellular respiration.
- We can use only a red gummy bear in this experiment.
- During the reaction, chemical bonds of glucose are getting shorter.
- The system is heated to dissolve the potassium chlorate.

2. Complete the sentences.

- We convert the **1.** into different forms of energy: **2.**and **3.**energy.
- The potassium **4.**is acting like an **5.**in the reaction.
- We heat KClO_3 because it needs to be **6.**
- Write the chemical equation for the cellular respiration:
.....+ 6..... \rightarrow 6.....+ 6.....+

3. Answer the questions:

- Why is the scientist using gummy bears?
- Why is he heating the test tube in different directions?
- What is he wearing?