

## This World of Humans: Episode #10 Student Worksheets

Below are a list of terms and phrases that you will encounter while reading the article and listening to the interview. Using a dictionary, provide definitions for each term or phrase. If you cannot find a formal definition, write down what you *think* the term or phrase might mean. Keep in mind that the meanings of these terms *in science* may be different from the way we used them in common speech.

**Acute**

**Cessation**

**Hedonic value**

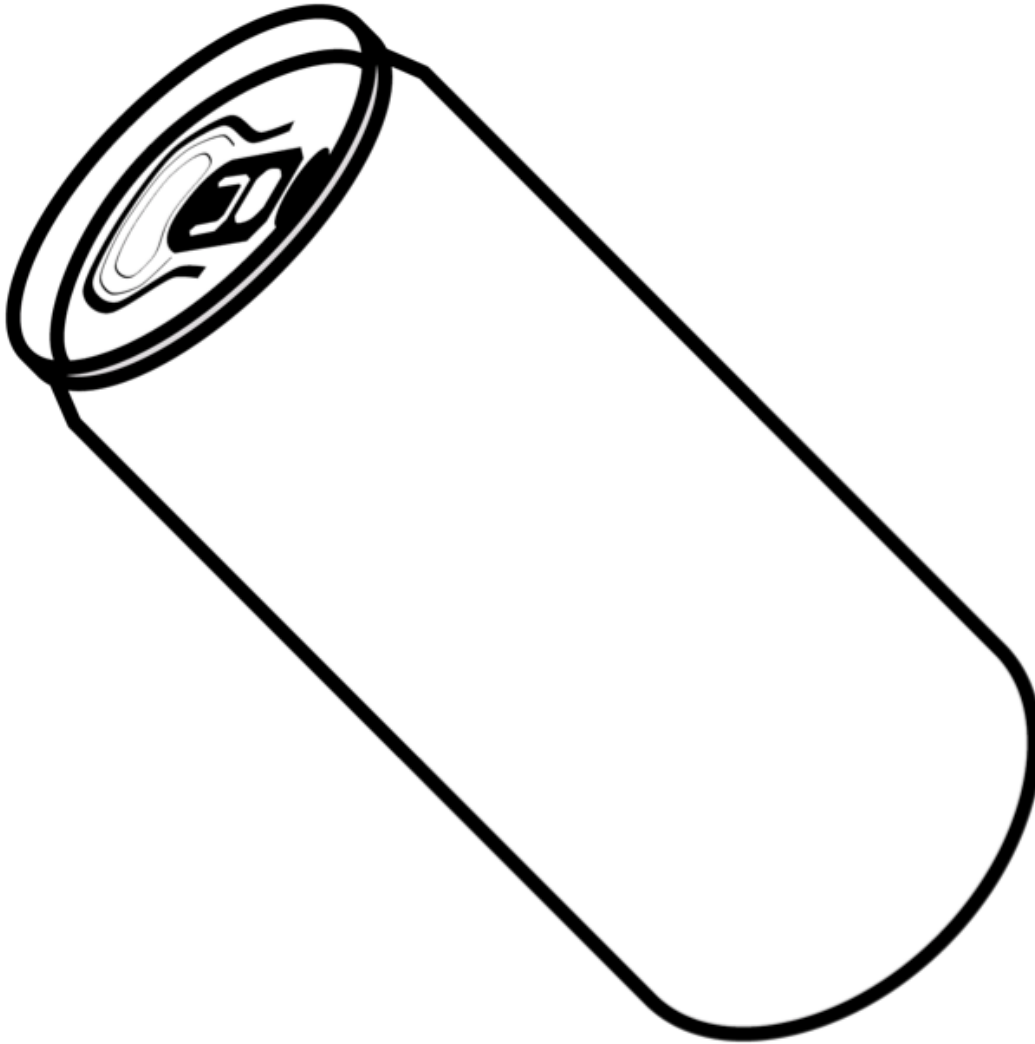
**Glial cells**

**Implications**

**Intact**

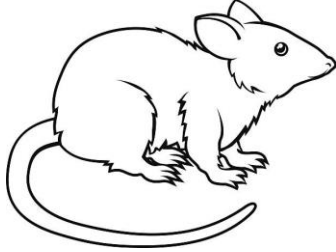
**Neuroprotectant**

**Instructions:** Design your own energy drink advertisement using keywords that promote the type of feeling/"high" a consumer might seek to experience through consumption of your drink. Come up with a name and advertise using supplements known to enhance energy and performance. What are some vitamins/supplements you typically see on energy drink cans? How do you think consumers want these drinks to make them feel?



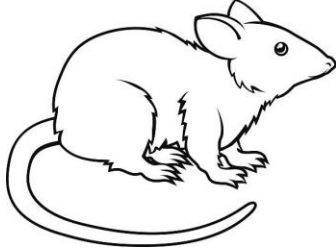
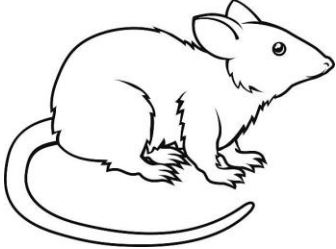

**Post-reading/listening: Visual Mapping: Experiment Findings**

**Instructions:** To help you make sense of the experiment's design and findings, identify and list the results of each experimental group below.



**Control Group:**

**Findings:**

 <p><b>Group:</b></p> <p><b>Findings:</b></p>	 <p><b>Group:</b></p> <p><b>Findings:</b></p>	 <p><b>Group:</b></p> <p><b>Findings:</b></p>
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### Experiment Design Worksheet

Use this worksheet in connection with the Visionlearning module *Experimentation in Scientific Research*.

1. What is the hypothesis of Dr. Salas' experiment?
2. What is the dependent variable in the experiment?
3. What is/are the independent variable(s) in the experiment?
4. Identify a limitation of the experiment.
5. Identify at least one area of potential for future research related to Dr. Salas' findings.

