WORKSHEET sept- 2020-2021

Grade: VI

Subject: science- study case- the iceman's last journey

Topic: Learning about the scientific method

Task2

Watch a video about the Iceman's last journey. Take notes as you watch the video, then read the following passage.

Oeggl realized that the most likely source of contamination would be Oeggl's own laboratory. He decided to test whether his lab equipment or saline solution contained hop-hornbeam pollen grains. To do this, he prepared two identical, sterile slides with saline solution. Then, on one slide, he placed a sample from the Iceman's digestive tract. The slide with the sample was the experi-mental group. The slide without the sample was the control group. The independent variable, or the variable that Oeggl changed, was the presence of the sample on the slide. The dependent variable, or the variable Oeggl tested, was whether hop-hornbeam pollen grains showed up on the slides. Oeggl examined the slides carefully.

Answer the following:-

1. **What are the types of variables**?
   a- Dependent and independent
   b- Changed and unchanged
   c- Observed and no observed

2. **What are the dependent variables in the story**?

a- amount of hop-hornbeam pollen grains found on slide
b- digestive tract sample on slide

3. **What are the independent variables?**
   a- amount of hop-hornbeam pollen grains found on slide
   b- digestive tract sample on slide