Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

KRONEBREEN GLACIER – IN THE FIELD

Together, you will view a video of how an innovative team of scientists and students worked to take measurements of Kronebreen glacier. Following this video, you will use individual computers to watch a second video found at: <https://www.youtube.com/watch?v=Llod4k01DCY>. View the second video at your own pace while answering the following questions:

1. Camera 1: From the aerial view, describe the view; in other words, Camera 1 is set up to see:

2. Watch the time lapse from Camera 1 enough times to write a description of all components in the space below. What is happening? Describe everything.

3. How is the view from Camera 2 different? Why do you think they set up both cameras where they did?

4. Describe the view from Camera 3; Camera 3 is set up to see:

5. Describe what you see in the view from Camera 3 and compare it to anything you witnessed with your flubber glacier model or PhET simulation.

6. Describe the view from Camera 5; Camera 5 is set up to see:

7. In the time-lapse from Camera 5, something appears on the surface of the ice not previously seen. What do you think these are?

8. There is a different structure visible from Camera 6. What do you think this is?

Once you have finished viewing the second video, you will come back together to watch “Kronebreen- The Sequel” and experience with the scientists and students the excitement of retrieving their cameras after 5 months!