**Life Sciences 11 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Identifying Common Fungi

**Pre-lab Questions:**

1. What characteristics do all fungi have in common?
2. What characteristics help identify different fungi?

**Your task is to head out in the woods. Be safe, bring bear spray and a friend! I recommend the Gantahaz Lake trail, John Dahl Park or the trails behind McIntyre. I’ve seen plenty of fungi there but anywhere you think you might find mushrooms/fungi will work.**

**THERE ARE POSIONOUS MUSHROOMS AND FUNGI IN NORTHERN BRITISH COLUMBIA. IF YOU WANT TO TOUCH/PICK UP THE FUNGUS WITH YOUR HANDS THEN YOU MUST WEAR GLOVES! ALSO…NO EATING ANY SAMPLES YOU FIND!**

**Part One:** Examine up to 5 different fungus samples that you find. Complete a small sketch of each one in the space below:

**Part Two:** Fill in this chart based on each of the samples you found.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample** | **Location Found** | **Colour** | **Texture** | **Shape/Overall Appearance** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Post-lab Questions:**

1. Were you able to see any reproductive structures on any of your samples? Describe them and include information on shape, size and numbers. *(Access to a magnifying glass could be really helpful here in lieu of microscopes).*
2. Write a short description on **one of the reproductive strategies** that may be used by the fungi you’ve found. Does the physical structure of this fungus match/relate to this strategy?

**BONUS QUESTION (not required but I’ll give you an extra 3% on your final mark for doing this)**

Download a mushroom identification app on your phone (I’ve never used one for mushrooms so I would love to hear your recommendations) and try to identify the fungi that you found. List them below and write a sentence as to why you think it is that particular species.