

What do you know about mushrooms?

CONTENT:

- What do the students already know about mushrooms?
- What do the students want to know about mushrooms?
- Students will make inferences and predict what we will be learning about mushrooms.
- Students to explore science that involves observing, asking questions about, and describing changes in the growing process.
- Students to identify questions in familiar contexts that can be investigated scientifically and make predictions based on prior knowledge.
- Students will use appropriate terminology to describe, and represent, mathematical charts.

SUMMARY OF TASKS/ACTION:

- 1) Show the students the mushroom poster (Resource 2)
- 2) As a whole class discussion, ask the students the inquiry survey questions (Resource 4).
- 3) Document the student's answers, as a brainstorm.
- 4) Use the data from questions 3,4, 5 and 6 in the survey to create either a pie graph or bar chart (Resource 5)- take this opportunity to explore statistics, their use and discuss why visual representation ie: graphs help us to understand data.
- 5) Keep questions 1 and 2 in the classroom on display to refer to during the course of the mushroom lessons.

DID YOU KNOW:

The mushroom is neither a fruit nor a vegetable. Mushrooms are a FUNGI and grow in a very unique way. Mushrooms have their own biological kingdom which dates back well before plants were on earth.

EXTENSION:

Use the pie/bar graph to lead into a maths lesson, while documenting the children's answers to the survey questions.

CURRICULUM LINKS

- **Inquiry learning objective:** Questioning.
- **Mathematics:** Statistics and probability (ACMSP069) (ACMSP070) (ACMSP096)
- **Humanities and Social Science:** Posing questions about present objects (ACHASSI052, ACHASSI073) (ACHASSI052, ACHASSI073)
- **Science inquiry skills:** Questioning and predicting (ACSYS053) (ACSYS064)
- **General Capabilities:** Numeracy, critical and creative thinking.
- **Cross Curriculum Priorities:** Sustainability.