

## The Fungus Review

A one-time publication of all things fungus to “mould” your knowledge of this creepy kingdom!

### Key Terms:

Hyphae	Spores (asexual reproduction)	Tinea (plural: tineas)
Mycelium	Yeast	ascomycota
Chitin	Budding	basidiomycota
Fragmentation	Basidia	zygomycota
		zygospore

### Competencies:

- ❖ Be able to describe the *cell structure* of fungi.
- ❖ Be able to describe the *asexual method of* reproduction in fungi.
- ❖ Be able to describe the overall process of *sexual* reproduction in fungi.
- ❖ Be familiar with the three major fungal phyla covered in the notes.

### Review Questions:

- 1) What is the purpose of hyphae?
- 2) What happens when a + mycelium and a - mycelium meet?
- 3) Complete the following table:

	<i>Phylum Zygomycota</i>	<i>Phylum Acomygota</i>	<i>Phylum Basidiomycota</i>
Can reproduce asexually? (Y/N)			
Method of asexual reproduction (ie: structures or processes involved).			
Can reproduce sexually? (Y/N)			
Method of sexual reproduction (structures and processes involved).			

Example(s) of fungi in this phylum.			
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6) What are yeasts and how do they reproduce?

7) Which phylum includes most of the mushrooms we know (and possibly love)?

8) Give an example of a tinea.

9) How is Mr.Yeung's dog, Penny, not a fungus?