

Mushroom Lesson Answer Key



NORTHWEST
OUTDOOR
Science School

PBS Field Guide Humongous Fungus Video Quiz:

- Where is the Humongous Fungus Located?
 - Malheur National Forest, OR
- What is one of the common names?
 - Honey Mushroom
- Write a short summary of what the Humongous Fungus is doing to the forest?
 - Something to the effect of:
 - “Suck the life out of whatever it touches” (quote from PBS video)
 - It’s invading the trees
 - It grows all around the base of the tree and then kills all the tissues
 - Spreads up through the trees bark, rots its roots, and proceeds to starve and dehydrate the tree
- The H.F. is believed to be the largest living organism in the world
 - True
- How quickly does the H.F. spread?
 - 1-3 ft. / year
- The H.F. kills the trees slowly
 - True
- The fungus only exists in Oregon
 - False
- Digging the fungus out is too expensive, what question are researchers asking?
 - Something to the effect of:
 - What’s the best tree to plant that can manage to live with the fungus?
 - What types of trees can coexist with the fungus?
- Select which trees they are experimenting with to live successfully with the fungus?
 - All of the above

Anatomy Labeling Worksheet:

- Cap
- Spores (or Gills)
- Stem (or Stalk)
- Volva
- Mycelium
- Gills (or Spores)

Mushroom Mania Crossword:

Down:

- Rain
- Gills
- Mycelium
- Spores
- Coral

Across:

- Fungi
- Cap
- Bolete (Bonus Extra Credit if you figured this one out during your Identification!)
- Mycology
- Stem