

## The Six Kingdoms of Life CBRT Script

Developed by Dr. Rosalind M. Flynn with Mr. Gray's Class \* Mosby Woods ES \* Fairfax, Virginia

- 1: [sound effect] Ringing Phone  
2: Hello, Welcome to the  
All: Homework Hotline [sound effect]  
3: 1-800 - H-O-M-E-W-O-R-K  
4: ...where students get lots of help  
with their  
All: hard homework! [sound effect]  
[gesture]  
5: Press 1 for Math  
6: Press 2 for Social Studies  
7: Press 3 for Science.  
8: [sound effect]  
9: You have selected Science  
10: Please hold for your Homework  
Hotline Helpers!  
11: [sound effect] Homework  
Hotline!  
12: My friends and I are really  
bombing Science! We have the  
test on the Kingdoms of Life  
tomorrow.  
11: Please hold while I get the  
Science experts.  
ALL: Phil Nye the Science Guy, Phil  
Nye the Science Guy [SE: deep  
voice], Phil, Phil, Phil, Phil, Phil,  
Phil, **Phil Nye the Science Guy**,  
Science Rules  
8: [sound effect] You have reached  
13: Your homework Hotline Science  
experts.  
14: First of all, the kingdoms of life, I  
don't even know what they are!  
ALL: The kingdoms of life are a way to  
classify **all living organisms**.  
15. Does that include my pesky brother?  
All: Unfortunately, Yes!  
16: Can you please JUST name  
them?
- All: Archaeobacteria, Eubacteria,  
Protista, Fungi, Plantae and  
Animalia.[sound effect]  
17: Did you name six kingdoms? I  
thought there were only five?  
18: Actually the Moneran kingdom  
recently split into two because of  
its enormous size.  
19: Archaeobacteria and Eubacteria,  
what's the DIF?  
All: Archaeobacteria is bacteria that has  
no nucleus [gesture] and lives in  
extreme environments.  
13: Like geothermal vents and acid  
pits?  
All: Precisely! [gesture]  
20: Sorry, I am late; I had to take my  
penicillin.  
2: Lad, did you know that penicillin  
is a type of Eubacteria?  
Students: Eubacteria?  
All: Like Archaeobacteria, Eubacteria  
has no nucleus, but does not live  
in extreme environments.  
1: Do you mean I just swallowed  
bacteria?  
All: Indeed, but you swallowed happy  
(good) bacteria, not grumpy  
(harmful) bacteria like E. Coli.  
[sound effect]  
3: O.k. I understand, tell me more  
about the rest of the kingdoms  
starting with Protista.  
4: An interesting fact is that Protista  
are usually single-celled  
organisms and have a nucleus.  
3: Any more facts?

- 4: Most organisms in this kingdom can only be seen through a microscope.
- 5: However, slime molds and algae can be seen with the naked eye.
- All: Protista, usually single-celled, nucleus, seen through microscopes; Slime mold with naked eye – Got It! [gesture]
- 6: What’s Fungi? I never understood what that kingdom is!
- 7: Yeah my mom is a baker and she told me that fungi helped her make bread, but never told me HOW!
- 8: Your mom is right, yeast is an example of a fungi which helps bread rise. Fungi is also multicellular, and steals food from decaying matter without being able to move.
- 9: Aren’t mushrooms a type of fungi because my brother ate a mushroom and got sick?
- 10: Hey my brother is a FUN GUY, but he never steals food.
- 8: No, we are not talking about fun people, we are talking about a kingdom of life.
- All: Fun statements about Fungi are that they are multicellular, steal food from decaying matter and can steal food even though they can’t move! [gesture]
- 11: Wait, aren’t mushrooms a part of the plant kingdom? What’s the DIF?
- All: Déjà vu. [gesture]
- 12: First of all, Plantae make their own food and mushrooms don’t, so they are in the Fungi kingdom.
- 13: Yeah that’s right, I remember my teacher talking about chlorophyll and photosynthesis, but I don’t know what they are.
- 14: I think you were goofing off.
- 15: I remember, photosynthesis is the process where the plant converts the sun’s energy using chlorophyll into oxygen and food.
- 16: What kingdom do we human beings fall into?
- 17: Funny you should ask. We are part of the Animalia kingdom.
- 18: Let me guess, unfortunately my pesky brother is part of the Animalia kingdom too.
- 17: Yes, he is a mammal just like you. He is also multicellular, consumes living things for energy and most Animalia can move.
- 19: My teacher was just talking about examples of Animalia yesterday.
- 20: I think he said insects, reptiles, crustaceans, mammals and fish as some examples.
- All: Animalia: multicellular, consume food, and move. [gesture]
- 1-6: Wow that’s a lot of information.
- 7-12: I think I hear my mom calling me for dinner. I think we are having meatloaf.
- 13: Did you know that meatloaf is....
- 14- 20 Gotta go bye.
- 3 Thank you for calling...
- All: Homework Hotline [sound effect]
- 3: 1-800 - H-O-M-E-W-O-R-K
- 4: ...where students get lots of help with their
- All: hard homework! [sound effect][gesture]