



Mission 6 Logbook Venus Plates and Phase II Mars Jars!

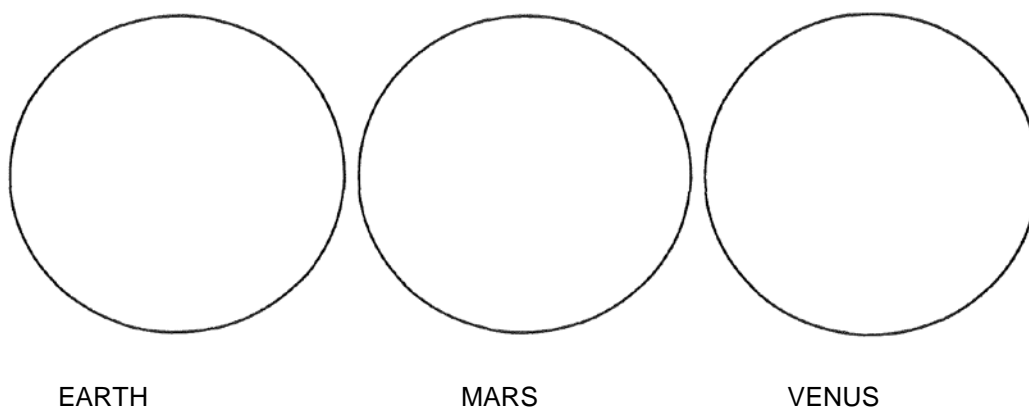
Did Earth Life Survive Conditions on Venus
or Mars?

Growth of *Penicillium notatum* After Alien Conditions-Worksheet

Name: _____ Date: _____

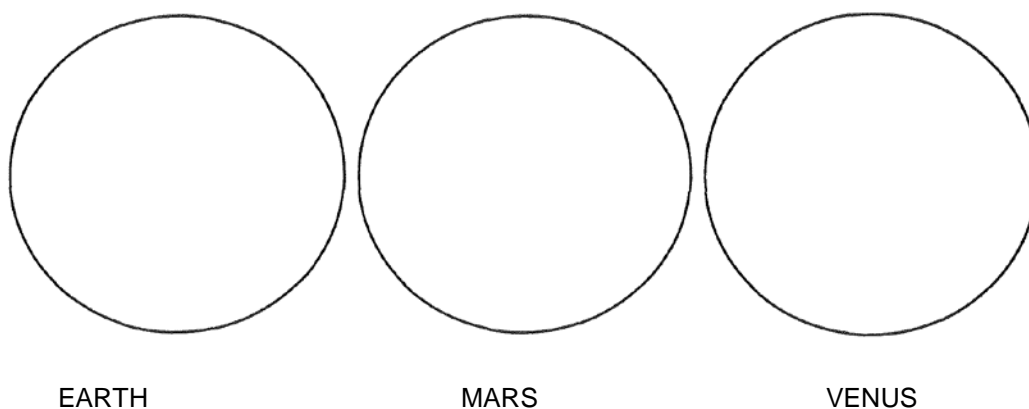
1. First map of *Penicillium notatum* growth. Date of observations:

Figure 6.1-First Map.



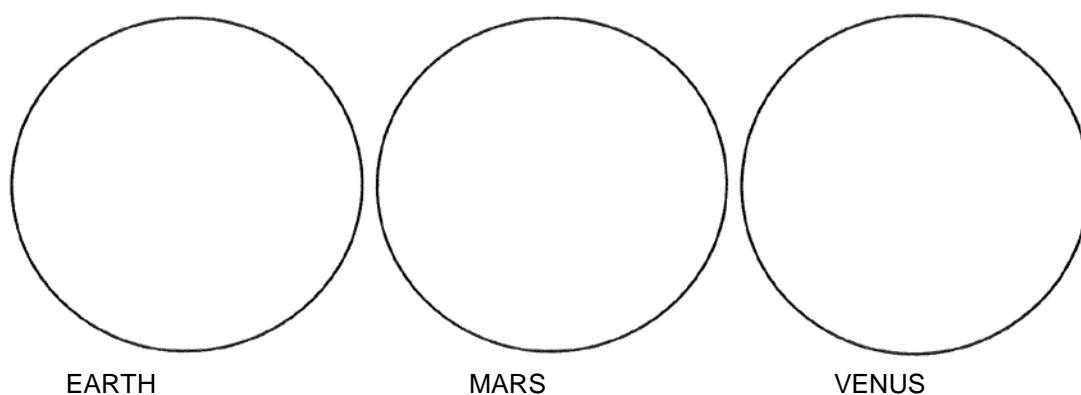
2. Second map of *Penicillium notatum* growth. Date of observations:

Figure 6.2-Second Map.



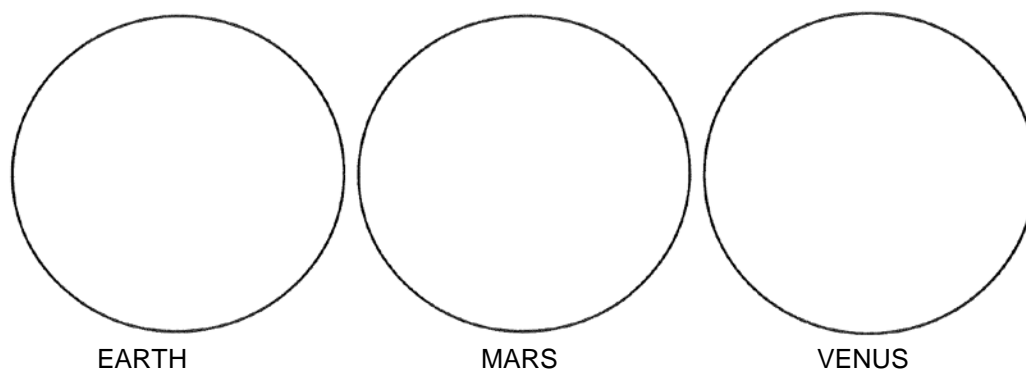
3. How does the early growth of *Penicillium notatum* compare to the early growth that you saw in your original experiment? How do you know that any organisms you see are *Penicillium notatum*?
4. Third map of *Penicillium notatum* growth. Date of observations:

Figure 6.3-Third Map.



5. Fourth map of *Penicillium notatum* growth. Date of observations:

Figure 6.4-Fourth Map.



6. How does the later growth of *Penicillium notatum* compare to the later growth that you saw in your original experiment?



Mission 6 Logbook ***Venus Plates and Mars Jar! (Phasell)***

Did Earth Life Survive Conditions on Venus or Mars?

Did *Penicillium notatum* Survive?-Worksheet

Name: _____ Date: _____

1. Have Earth conditions allowed the *Penicillium notatum* to survive and grow normally? How can you tell?
2. Have the simulated conditions of Mars affected the *Penicillium notatum's* growth patterns? How can you tell?
3. Can Earth organisms survive in the conditions on Mars? Are you sure? What if the Mars Jars had been left alone for one month? One year? Five years? Longer?
4. Have the simulated conditions of Venus affected the *Penicillium notatum's* growth patterns? How can you tell?
5. Can Earth organisms survive in the conditions on Venus? Why or why not?
6. What does this experiment teach us about our search for life on Mars and Venus?
7. If Earth microbes might survive on Mars or Venus, should we be careful not to introduce any Earth microbes into their environments? Why?