

THIS VERSION WILL TELL YOU WHERE TO FIND THE ANSWERS.

Evolution Study Guide:

1. What is the biological definition of evolution?

FIND THIS IN YOUR NOTES

Scientists:

2. Who was Charles Lyell and what did he think?

FIND THIS ON IDEAS OF EVOLUTION AND EXIT SLIP #1

3. Who was Charles Darwin and what did he think?

FIND THIS ON IDEAS OF EVOLUTION

4. What did Jean Lamarck think and why was it wrong?

FIND THIS ON IDEAS OF EVOLUTION

Evidence for Evolution:

5. What does Biochemistry compare and how does it show evolution?

FIND THIS ON EVIDENCE FOR EVOLUTION GRAPHIC ORGANIZER AND QUIZ. EXIT SLIP #4

6. What are homologous structures? Give an example.

FIND THIS ON EVIDENCE FOR EVOLUTION GRAPHIC ORGANIZER AND QUIZ AND BELLRINGERS

7. What are analogous structures? Give an example.

FIND THIS ON EVIDENCE FOR EVOLUTION GRAPHIC ORGANIZER AND QUIZ, BELLRINGERS, AND EXIT SLIP #6

8. What does the fossil record show?

FIND THIS ON EVIDENCE FOR EVOLUTION GRAPHIC ORGANIZER AND QUIZ.

9. What are vestigial structures? Give an example.

NOTES AND BELLRINGERS

Natural Selection:

10. What is natural selection? Give an example.

NOTES/STATIONS AND EXIT SLIP #7

11. What has to be true for natural selection to occur?

NOTES/BELLRINGERS AND EXIT SLIP #16

12. What does fitness mean?

NOTES/STATIONS AND EXIT SLIP #9

13. What are alleles and how do they relate to natural selection?

A DICTIONARY AND MECHANISMS FOR EVOLUTION

14. What is diversity and variation and how do they relate to natural selection?

MOVIE QUESTIONS

15. What is directional selection? Give an example. Draw the graph

NOTES/STATIONS AND EXIT SLIP #12 AND #24

16. What is stabilizing selection? Give an example. Draw the graph

NOTES/STATIONS AND EXIT SLIP #13

17. What is disruptive selection? Give an example. Draw the graph

NOTES/STATIONS AND EXIT SLIP #14

Mechanisms for Evolution

18. What do mutations bring to a population? What happens to bad/harmful mutations?

MECHANISMS FOR EVOLUTION/ BELLRINGERS

19. How does migration cause evolution?

MECHANISMS FOR EVOLUTION

20. What is genetic drift?

MECHANISMS FOR EVOLUTION AND EXIT SLIP #17

Speciation:

21. What is the definition of a species?

NOTES

22. What is speciation?

NOTES AND EXIT SLIP #18

23. What is reproductive isolation?

NOTES, MECHANISMS FOR EVOLUTION AND EXIT SLIP #19

24. What is geographic isolation?

NOTES

Sexual Selection

25. Why would a female choose a particular male?

WHY SEX MOVIE QUESTIONS, EXIT SLIP #21

26. What are 2 disadvantages to sexual reproduction?

WHY SEX MOVIE QUESTIONS, EXIT SLIP #23

Macroevolution:

27. What is the difference between gradualism and punctuated equilibrium?

NOTES AND ADVANCED- WEBQUEST

Adaptation:

28. What is an adaptation?

NOTES AND EXIT SLIP #3 AND #11

29. The statement “animals adapt to their environment” is FALSE, how could you make it TRUE?

YOUR MIND 😊

**TRY THAT FIRST, IF YOU STILL FIND THE ANSWER, CHECK BACK ON
SUNDAY AND THE ANSWERS WILL BE POSTED**