

NEEDA ANSWER KEY

Core Knowledge Digital Library

Grade 3, Earth Science

For the Teacher

Overview of Grade 1, Life Science

In this teacher-facilitated, whole-class game, students take turns answering questions to strategically place chips on a game board for their teams. Their objective is to position four chips in a row on a seven-by-six game-board grid.

What You Need

- The means to project this interactive for whole-class viewing
- Forty-two sheets of scrap paper (one side blank) or two small marker boards
- Two bold markers (dry-erase if using marker boards)
- Grade 1 Core Knowledge Science Student Readers, *Plant and Animal Survival* (Students should be allowed to use the book to seek answers. Looking up information on demand is a valuable skill to practice!)

Advance Preparation

- Before you begin, divide the class into two teams, identified as the **red team** and the **black team**. (For added fun, allow students time to choose a team name and mascot and make a small team identification poster.)
- Students represent their teams by playing one at a time. Use reverse alphabetical order of the first letter of students' first names to determine the order in which students will play to represent their teams.
- Prepare two designated answer stations where the players will write their responses. The stations should be far enough apart so that players' opponents cannot see what the players are writing.
- **Download these instructions.** The **answer key** appears at the end of the document.

How to Facilitate

- Beginning with the screen following this one, project the engagement in the largest format possible for whole-class viewing.
- Go over the rules with students before beginning. Emphasize the importance of not shouting out answers.
- Use the **Let's Play!** button to advance to the game board.
- Have Player 1 from each team move to their designated answer station.

- The first player selects a number to reveal a question and start the countdown timer. Numbers can be selected in any order, but within each column, only the question in the lowest position is active and available to choose.
- The player must write their response and have it ready to display by the end of the timer countdown. They can use the Student Reader to find the answer. If they are ready early, click the timer to stop the countdown.
- Without revealing the correct answer yet, determine from the **answer key** below (teacher's eyes only!) whether the player has answered correctly.
 - If the player answered correctly, select the **Reveal Answer** button to reveal the correct response. A colored chip will drop into the game board.
 - If the player answered incorrectly, DO NOT select the **Reveal Answer** button to reveal the correct response. Instead, select **Play On** to return to the game board. The question remains available for another player to select.
- Continue by alternating play between teams, with different students answering for each turn.
- Whenever a team has successfully placed four of their team's colored chips in a row—vertically, horizontally, or diagonally—click on the team's score counter to tally their four-in-a-rows.
- You can choose to play through all forty-two questions or opt for a shorter game with fewer rounds by selecting **End Match**.

Answer Key

1. B. legs
2. B. seagull flying
3. A. frog eating an insect
4. D. cheetah running
5. C. woodpecker pecking for insects
6. B. shark
7. C. salamander
8. D. roots
9. C. stem
10. B. leaves
11. A. flowers
12. C. stem
13. A. flowers
14. B. leaves
15. D. roots
16. C. seeds
17. A. roots

18. B. leaves
19. B. dog
20. C. Venus flytrap
21. B. cactuses
22. B. stem
23. B. The big leaves are needed in low-light areas.
24. B. snake
25. C. bat
26. A. eagle
27. D. grasshopper
28. B. star-nosed mole
29. D. drum fish
30. C. fennec fox
31. A. mosquito
32. D. octopus
33. C. cricket
34. B. iguana
35. A. scallop
36. C. sunlight
37. C. plant drooping
38. B. plant sweating
39. D. leaves turn yellow
40. A. plant climbs wall
41. B. scuba equipment
42. A. plane flying

Tiebreaker: There are over 500 known species of sharks.