

Practice for Science Testing Success

Prepare your students for academic success with the **Louisiana CFA (Common Formative Assessment) Practice Questions** for grades 3 and 4. This science test-preparation resource will guide students through real-world scientific phenomena and concepts that are aligned to the Louisiana Student Standards for Science, with practice questions that will prepare them for today's rigorous testing.



Students will:

- Become confident test takers
- Investigate, evaluate, and use scientific reasoning
- Build scientific knowledge and skills
- Apply knowledge and demonstrate understanding

Life Cycle of Dogs

Life Cycle of Frogs

33. Study the diagrams of the life cycles of dogs and frogs. What common pattern do both life cycles share?

- (A) Both dogs and frogs lose their tails.
- (B) They both follow a pattern of birth and growth.
- (C) Both dogs and frogs begin their lives as eggs.
- (D) Both dogs and frogs drink their mother's milk as babies.

34. What would eventually happen to the life cycle of frogs if they stopped reproducing?

GO ON ►

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Diagrams introduce important science content.

37. What will happen to the life cycle of the crickets if the pattern continues?

Seedling Growth

Flower Type	2016	2017	2018
dandelion	50	60	70
tulip	40	35	45
sunflower	40	25	15
daisy	10	15	20

38. Look at the graph above. What claim can be made from the data?

- (A) The sunflower will eventually become nonexistent because the seedling growth is decreasing.
- (B) The dandelion will eventually become nonexistent because the seedling growth is increasing.
- (C) The tulip will eventually become nonexistent because the seedling growth increased and then decreased.
- (D) The daisy will eventually become nonexistent because the seedling growth is increasing.

GO ON ►

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Informative graphs visually display scientific data.

A variety of question types, including multiple-choice and constructed response

Key Features:

- Aligned to the Louisiana Student Standards for Science and New Leap 2025
- Practice test questions cover each strand of science (life, physical, Earth and space)
- Assessment questions were written and reviewed by Louisiana educators
- Rigorous practice questions are grade appropriate and cover the Multi-Dimensional Alignment

- Disciplinary Core Ideas (DCI)
- Crosscutting Concepts (CCC)
- Science and Engineering Practices (SEP)
- Depth of Knowledge (DOK)

Real-life scenarios and engaging content introduce grade-level appropriate science concepts.

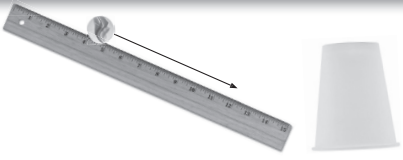
Physical Science

Energy

Read each question carefully. Use your knowledge of physical science.

Part A

Marcy creates an experiment to see how far she can move a cup by rolling a marble. She places the marble at different heights on a ramp she makes from a ruler. The results of her experiment are recorded in the chart below.



Position on Ruler	Distance Cup Moved
8 cm	5 cm
15 cm	10 cm
23 cm	15 cm
30 cm	20 cm

A Change the length of the ruler.
 B Change the placement of the cup.
 C Change the direction of the ruler.

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106664—Science Questions: Grade 4

Maps provide opportunities for analyzing and critical thinking.

Earth and Space Science

Earthquakes



72. Using both maps, explain how volcanoes and earthquakes have common patterns.

45 **GO ON ►**

106664—Science Questions: Grade 4

Diagrams and charts reinforce science content and knowledge.

Title	ISBN	Price
Classroom Site License: Grade 3	978-1-6433-5829-1	\$250.00
Classroom Site License: Grade 4	978-1-6433-5830-7	\$250.00