

Math and Science for Young Children 8th edition
Charlesworth Test Bank

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1. Webbing is useful in unit planning because it
- is used in language arts.
 - helps organize your thoughts.
 - develops concepts in young children.
 - meets school district directives.

ANSWER: b

LEARNING OBJECTIVES: MS.CHAR.08.02.03 - Assess, plan, teach, and evaluate science instruction in line with national standards.

NATIONAL STANDARDS: United States - NAEYC.05c - Design, implement, and evaluate developmentally meaningful and challenging curriculum for each child.

KEYWORDS: Bloom's Taxonomy: Understanding

2. Which of the following is *not* a basic lesson plan component?
- Object
 - Concept
 - Materials
 - Goals

ANSWER: d

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3. In what way does a science teaching plan differ from a science resource file?
- It uses local resources and free materials.
 - It presents clearly stated objectives.
 - It is intended for a specific class.
 - It contains few provisions for subject integration.

ANSWER: c

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KEYWORDS: Bloom's Taxonomy: Understanding

4. Yes/no student responses are likely
- with narrow questions.
 - with open-ended questions.
 - during initiating activities.
 - during observational activities.

ANSWER: a

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5. Which of the following describes the personal learning style?

- a. Visual
- b. Auditory
- c. Work alone
- d. All of the above

ANSWER: d

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6. After assessing your students, what question should you ask as you start organizing for teaching?

- a. What do my students know about this science topic?
- b. What is the appropriate science content that my students need to know?
- c. What do my students want to know about this science topic?
- d. None of these answers

ANSWER: b

LEARNING OBJECTIVES: MS.CHAR.08.02.03 - Assess, plan, teach, and evaluate science instruction in line with national standards.

NATIONAL STANDARDS: United States - NAEYC-03a - Understand the goals, benefits and uses of assessment.

KEYWORDS: Bloom's Taxonomy: Understanding

7. Which of the following is the best way for preschool- and primary-age children to show their knowledge and understanding of a concept?

- a. Explain, predict, show, tell
- b. Draw, describe, construct
- c. Explain, predict, show, tell and draw, describe, construct
- d. None of these answers

ANSWER: c

LEARNING OBJECTIVES: MS.CHAR.08.02.03 - Assess, plan, teach, and evaluate science instruction in line with national standards.

NATIONAL STANDARDS: United States - NAEYC-03b - Use a variety of appropriate assessment tools and approaches.

KEYWORDS: Bloom's Taxonomy: Understanding

8. Children are more likely to retain concepts if they are presented in a variety of ways and extended over a period of time

- a. True
- b. False

ANSWER: True

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KEYWORDS: Bloom's Taxonomy: Understanding

9. Very young children have not developed definite patterns in which they learn.

- a. True

b. False

ANSWER: False

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10. A web depicts a variety of possible concepts and curricular experiences.

a. True

b. False

ANSWER: True

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11. Preschool- and primary-age children will not be able to verbalize their true understanding of a concept.

a. True

b. False

ANSWER: True

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12. A webbed unit is the short-term unit.

a. True

b. False

ANSWER: False

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13. To teach a lesson effectively you must plan for assessment.

a. True

b. False

ANSWER: True

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14. Ongoing assessment of your own teaching is to be done at the end of each year.

- a. True
- b. False

ANSWER: False

LEARNING OBJECTIVES: MS.CHAR.08.02.03 - Assess, plan, teach, and evaluate science instruction in line with national standards.

NATIONAL STANDARDS: United States - NAEYC-03c - Understand and practice responsible assessment.

KEYWORDS: Bloom's Taxonomy: Understanding

15. Reflect on and evaluate your unit plan before you begin teaching the unit.

- a. True
- b. False

ANSWER: True

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Match each item with the correct statement below.

- | | |
|---------------|---------------------------------|
| a. webbing | d. lesson plan |
| b. goals | e. performance-based assessment |
| c. objectives | |

16. State how you plan to achieve your goals

ANSWER: c

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17. A technique that helps organize your thoughts

ANSWER: a

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18. Giving students a task to do that will indicate their level of understanding of science concepts and thinking skills

ANSWER: e

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19. Broad statements that indicate the outcomes you want to achieve

ANSWER: b

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20. Helps plan the experiences that will aid in the concept development

ANSWER: d

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21. _____ are examples of individual student work that indicate progress, improvement, and accomplishments.

ANSWER: Portfolios

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22. Observations that are written down in an organized way are called _____.

ANSWER: anecdotal records

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23. A(n) _____ is an extensive collection of activities and suggestions that focus on a single science topic.

ANSWER: resource file

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24. A(n) _____ is used to develop a science concept, objectives, materials, activities, and evaluation procedures for a specific group of children.

ANSWER: teaching plan

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25. A(n) _____ is used to extend the information in the textbook by adding learning activities for concepts not included in the text or in substitution for those in the text.

ANSWER: textbook unit

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26. _____ stimulate discussion and offer opportunities for thinking.

ANSWER: Open-ended questions

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