

INSTRUCTIONAL MATERIALS ADOPTION

VENDOR: Thomson/Delmar INSTRUCTIONAL MATERIALS: Horticulture

SUBJECT: Horticulture COPYRIGHT DATE(S): 2002

INSTRUCTIONAL MATERIALS ADOPTION: GENERIC EVALUATION CRITERIA

GROUP II – 2002 TO 2008

SE ISBN 0766815676
TE ISBN 0766815692

R-E-S-P-O-N-S-E-S

YES	NO	N/A	CRITERIA	NOTES
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I. INTER-ETHNIC

___	___	___	1. The instructional materials meets the requirements of inter-ethnic: concept, content, and illustration, as set by West Virginia Board of Education Policy (Adopted December 1970).	
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II. EQUAL OPPORTUNITY

___	___	___	1. The instructional material meets the requirements of equal opportunity" concept, content, illustration, heritage, roles, contributions, experiences, and achievements of males and females in American and other cultures, as set by West Virginia Board of Education Policy (Adopted May 1975).	
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INSTRUCTIONAL

VENDOR: Thomson/Delmar

MATERIALS: Introductory Horticulture

SUBJECT: Horticulture

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COMMENTS: _____

INSTRUCTIONAL MATERIALS ADOPTION: GENERAL EVALUATION CRITERIA

**GROUP VI – 2002 to 2008
Agricultural Education
Robert C. Beach Credit Courses**

(Vendor/Publisher)
SPECIFIC LOCATION
OF CONTENT WITHIN
PRODUCT

I = In-depth
A = Adequate
M = Minimal
N = Nonexistent

(IMR Committee)
RESPONSES
I A M N

MULTIMEDIA

Offer appropriate multimedia (e.g. computer software, audio, visual, Internet access) in order to :

- | | | | | |
|---|---|---|---|---|
| 1. Problem solve; locate, evaluate and collect information; develop positive attitudes toward technology; and use databases, spreadsheets and graphics. | ✓ | — | — | — |
| 2. Provide a web site which links to relevant sites containing suggested lesson plans and student activities. | ✓ | — | — | — |
| 3. Integrate current technology into the curriculum. | ✓ | — | — | — |
| 4. Use TV/Satellite, VCR, DVD, ect., to retrieve and relate information. | — | — | — | ✓ |

READING STRATEGIES

- | | | | | |
|---|---|---|---|---|
| 1. Include activities using graphic organizers (e.g., webbing and mapping). | — | ✓ | — | — |
| 2. Promote independent reading skills and study techniques | ✓ | — | — | — |
| 3. Present varied teaching models. | ✓ | — | — | — |

LEARNING STYLES

Learning activities and labs should address the varied learning styles and multiple intelligences of students and include models for insightful decision-making by the teacher. Reteach, practice, and enrichment activities should be provided.	✓	—	—	—
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CRITICAL THINKING SKILLS

Questioning models should include higher order thinking skills to analyze problems and implement solutions.

— ✓ — —

LIFE SKILLS

Learning activities should be applicable to life skills, including but not limited to: using reference tools, completing an application, interviewing and setting goals.

— ✓ — —

CLASSROOM MANAGEMENT

1. Learning activities should include opportunities for large, small and cooperative learning groups through panel discussions, peer teaching, and independent learning in a variety of environments both indoor and outdoor.

✓ — — —

2. Engage in active inquiries, investigations and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and laboratory skills.

✓ — — —

INSTRUCTIONAL MATERIALS

Student materials should include, but not be limited to:

1. Extensive and varied opportunities to practice targeted skills.

— ✓ — —

2. Reteaching, practice, and enrichment materials.

✓ — — —

3. Leveled texts that will allow students to read independently (Grades 7-12).

— ✓ — —

ASSESSMENT

Assessment materials should include, but not be limited to:

1. Practice available in norm referenced, criterion referenced and performance based measures.

— ✓ — —

2. Varied assessment techniques (e.g., true/false, multiple choice, short answer) with teacher text indicating test bank answers and additional resources.

— ✓ — —

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Course Description: This area of study is designed to provide both college bound students and work bound students with the basic skills and knowledge needed in the greenhouse management industry. Major instructional concepts provide students with individual goals and objectives including: plant environments, classification, plant processes, growing media, plant nutrients, propagation, growth, pests and management procedures, nursery and landscape techniques, structures operation and maintenance and advanced greenhouse practice and technologies.

LEADERSHIP DEVELOPMENT

The instructional materials present information in a manner that enables the student to:

_____	1. Utilize record-keeping skills.	—	—	—	✓
_____	2. Develop and exhibit communication skills.	—	✓	—	—
_____	3. Describe how to draft a complete resume, complete a job application and demonstrate job seek/keep skills.	—	✓	—	—
_____	4. Demonstrate an awareness of employment and horticulture industry ethics.	✓	—	—	—
_____	5. Research career opportunities in the horticulture industry.	—	✓	—	—

PLANT CLASSIFICATION AND IDENTIFICATION

The instructional materials present information in a manner that enables the student to:

_____	1. Develop an understanding of the natural classification system for the plant kingdom.	—	✓	—	—
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_____	2. Identify plant species and explore their benefits to people.	___	✓	___	___
_____	3. Identify and research plants that are important to the greenhouse industry.	✓	___	___	___
_____	4. List plant growth regulators and explain their effects on plants.	✓	___	___	___
_____	5. Explain how essential elements and pH affects plant growth.	___	✓	___	___
_____	6. Identify and document the effects of environmental factors on the plant growth.	___	✓	___	___
_____	7. Compare and contrast types of plant-growing media.	✓	___	___	___
_____	8. Apply amendments for optimum plant growth.	___	✓	___	___
_____	9. Explain soil and water conservation practices.	___	✓	___	___

PLANT PROCESSES AND PROPAGATION

The instructional materials present information in a manner that enables the student to:

_____	1. Perform methods of propagating plants.	✓	___	___	___
_____	2. Manipulate the total environment from juvenile to mature plant	✓	___	___	___
_____	3. Demonstrate knowledge of plant growth and propagation process including photosynthesis, respiration, transpiration and pollination.	___	✓	___	___

PEST MANAGEMENT

The instructional materials present information in a manner that enables the student to:

_____	1. Explain and apply the concepts of integrated pest management.	___	✓	___	___
_____	2. Identify safety guidelines for tools, equipment and pesticides used in pest management.	___	___	✓	___
_____	3. Identify pests and evaluate control methods according to label interpretation.	___	✓	___	___
_____	4. Identify, calibrate and operate pesticide application equipment.	___	___	✓	___
_____	5. Research and discuss the environmental and health concerns relative to pesticide usage.	___	✓	___	___

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_____	6. Provide information and effects of federal and state pesticide laws.	___	✓	___	___
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**SELECTED SPECIALITY AREAS IN
 HORTICULTURE**

The instructional materials present information in a manner that enables the student to:

_____	1. Explore professions in floriculture and understand the scope of job opportunities.	___	✓	___	___
_____	2. Explore professions in greenhouse management and understand the scope of job opportunities.	___	✓	___	___
_____	3. Explore professions in nursery production and understand job requirements.	___	___	✓	___
_____	4. Research careers in the landscape and turf industry.	___	✓	___	___