



South-Western
Educational Publishing

Correlation of

to

**Oklahoma State Department of Education
Priority Academic Student Skills (PASS)
Science**

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING



STANDARDS	PAGE REFERENCES
SCIENCE Grade 9	
I. Observing and Measuring	
<i>The student will:</i>	
A. Identify similar or different characteristics in a given set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Select qualitative (descriptive) or quantitative (numerical) observations in a given set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify qualitative and quantitative changes given conditions before, during and after an event.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Use appropriate Systems International (SI) units (grams, meters, liters and degrees Celsius) to measure objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
II. Classifying	
<i>The student will:</i>	
A. Select a serial order for each property within a set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Identify the properties on which a given classification system is based.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use observable properties to classify a set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Place an object, organism or event into a classification system.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
III. Experimenting	
<i>The student will:</i>	
A. Arrange the steps of a scientific problem in logical order.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
B. Identify the independent variables, dependent variables and control in an experimental set-up.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use mathematics to show basic relationships within a given set of observations.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Identify a hypothesis for a given problem.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
IV. Interpreting	
<i>The student will:</i>	
A. Select appropriate predictions based on previously observed patterns of evidence.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Report data in an appropriate manner.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Predict data points not included on a given graph.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Interpret line, bar and circle graphs.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
E. Identify data which support or reject stated hypotheses.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
F. Accept or reject hypotheses when given results of an investigation.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
G. Identify discrepancies between stated hypotheses and actual results.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
H. Select the most logical conclusion for given experimental data.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
V. Communicating	
<i>The student will:</i>	
A. Prepare a written report describing the sequence, results and interpretation of an investigation or event.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Describe the properties of an object or event in sufficient detail so another person can identify it.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify or create an appropriate graph or chart from collected data, table or written	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
description.	b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
VI. Safety in the Science Classroom	
<i>The student will:</i>	
A. Recognize potential hazards within a science activity.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Practice safety procedures in all science activities.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
SCIENCE Grade 10	
I. Observing and Measuring	
<i>The student will:</i>	
A. Identify similar or different characteristics in a given set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Select qualitative (descriptive) or quantitative (numerical) observations in a given set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify qualitative and quantitative changes given conditions before, during and after an event.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Use the appropriate Systems International (SI) units (grams, meters, liters and degrees Celsius) to measure objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
II. Classifying	
<i>The student will:</i>	
A. Select a serial order for each property within a set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Identify the properties on which a given classification system is based.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use observable properties to classify a set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Place an object, organism or event into a classification system.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
III. Experimenting	

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
<i>The student will:</i>	
A. Arrange the steps of a scientific problem in logical order.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Identify the independent variables, dependent variables and control in an experimental set-up.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use mathematics to show basic relationships within a given set of observations.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Identify a hypothesis for a given problem.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
IV. Interpreting	
<i>The student will:</i>	
A. Select appropriate predictions based on previously observed patterns of evidence.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Report data in an appropriate manner.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Predict data points not included on a given graph.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Interpret line, bar and circle graphs.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
E. Identify data which support or reject stated hypotheses.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
F. Accept or reject hypotheses when given results of an investigation.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
G. Identify discrepancies between stated hypotheses and actual results.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
H. Select the most logical conclusion for given experimental data.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
V. Communicating	
<i>The student will:</i>	
A. Prepare a written report describing the sequence, results and interpretation of an investigation or event.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
B. Describe the properties of an object or event in sufficient detail so another person can identify it.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify or create an appropriate graph or chart from collected data, table or written description.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
VI. Modeling	
<i>The student will:</i>	
A. Select a model which explains a given set of observations.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Select predictions based on models.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Compare a given model to the real world.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
VII. Safety in the Science Classroom	
<i>The student will:</i>	
A. Recognize potential hazards within a science activity.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Practice safety procedures in all science activities.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
SCIENCE Grade 11	
I. Observing and Measuring	
<i>The student will:</i>	
A. Identify similar or different characteristics in a given set of objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Select qualitative (descriptive) or quantitative (numerical) observations in a given set of objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify qualitative and quantitative changes given conditions before, during and after an event.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Use appropriate Systems International (SI) units (grams, meters, liters and degrees Celsius) to measure objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
II. Classifying	
<i>The student will:</i>	
A. Select a serial order for each property within a set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Identify the properties on which a given classification system is based.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use observable properties to classify a set of objects, organisms or events.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Place an object organism or event into a classification system.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
III. Experimenting	
<i>The student will:</i>	
A. Arrange the steps of a scientific problem in logical order.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Identify the independent variables, dependent variables and control in an experimental set-up.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use mathematics to show basic relationships within a given set of observations.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Identify a hypothesis for a given problem.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
IV. Interpreting	
<i>The student will:</i>	
A. Select appropriate predictions based on previously observed patterns of evidence.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Report data in an appropriate manner.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Predict data points not included on a given graph.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Interpret line, bar and circle graphs.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
E. Identify data which support or reject stated hypotheses.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
F. Accept or reject hypotheses when given results of an investigation.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
G. Identify discrepancies between stated hypotheses and actual results.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
H. Select the most logical conclusion for given experimental data.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
V. Communicating	
<i>The student will:</i>	
A. Prepare a written report describing the sequence, results and interpretation of investigation or event.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Describe the properties of an object or event in sufficient detail so another person can identify it.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify or create an appropriate graph or chart from collected data.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
VI. Modeling	
<i>The student will:</i>	
A. Select a model which explains a given set of observations.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Select predictions based on models.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Compare a given model to the real world.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
VII. Safety in the Science Classroom	
<i>The student will:</i>	
A. Recognize potential hazards within a science activity.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Practice safety procedures in all science activities.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
SCIENCE <i>Grade 12</i>	
I. Observing and Measuring	
<i>The student will:</i>	
A. Identify similar or different characteristics in a given set of objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Select qualitative (descriptive) or quantitative (numerical) observations in a given set of objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify qualitative and quantitative changes given conditions before, during and after an event.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Use appropriate Systems International (SI) units (grams, meters, liters and degrees Celsius) to measure objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
II. Classifying	
<i>The student will:</i>	
A. Select a serial order for each property within a set of objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Identify the properties on which a given classification system is based.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use observable properties to classify a set of objects, organisms or events.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Place an object, organism or event into a classification system.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
III. Experimenting	
<i>The student will:</i>	
A. Arrange the steps of a scientific problem in logical order.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Identify the independent variables, dependent variables and control in an experimental set-up.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Use mathematics to show basic relationships within a given set of observations.	Labs: 1 a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11 a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
D. Identify a hypothesis for a given problem.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
IV. Interpreting	
<i>The student will:</i>	
A. Select appropriate predictions based on previously observed patterns of evidence.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Report data in an appropriate manner.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Predict data points not included on a given graph.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
D. Interpret line, bar and circle graphs.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
E. Identify data which support or reject stated hypotheses.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
F. Accept or reject hypotheses when given results of an investigation.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
G. Identify discrepancies between stated hypotheses and actual results.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
H. Select the most logical conclusion for given experimental data.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
V. Communicating	
<i>The student will:</i>	
A. Prepare a written report describing the sequence, results and interpretation of an investigation or event.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Describe the properties of an object or event in sufficient detail so another person can identify it.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Identify or create an appropriate graph or chart from collected data, table or written description.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
VI. Modeling	
<i>The student will:</i>	

CORRELATION TO OKLAHOMA STATE DEPARTMENT OF EDUCATION—PRIORITY ACADEMIC STUDENT SKILLS (PASS) FOR SCIENCE

SUBMISSION TITLE:

PUBLISHER: SOUTH-WESTERN EDUCATIONAL PUBLISHING

STANDARDS	PAGE REFERENCES
A. Select a model which explains a given set of observations.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Select predictions based on models.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
C. Compare a given model to the real world.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
VII. Safety in the Science Classroom	
<i>The student will:</i>	
A. Recognize potential hazards within a science activity.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b
B. Practice safety procedures in all science activities.	Labs: 1a/b,2a/b,3a/b,4a/b,5a/b,6a/b,7a/b,7a/b,8a/b,9a/b,10a/b,11a/b,12a/b,13a/b,14a/b, 15,a/b,16a/b,17a/b,18a/b,19a/b,20a/b,21a/b,22a/b,23a/b,24a/b