

## Science Resources

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## Science, Grade 5 Resources

These assessment and instruction resources have been compiled to help teachers support student learning.

- **Learning Standards**  
Identify what students should know and be able to do. The standards explain the knowledge and skills students are learning in pre-kindergarten through grade 12.  
<http://education.ohio.gov/getattachment/Topics/Learning-in-Ohio/Science/Ohios-Learning-Standards-and-MC/SciFinalStandardsMC060719.pdf.aspx?lang=en-US>
- **Model Curriculum**  
The model curriculum is a tool that provides educators with information that clarifies the learning standards and sets the foundation for planning and developing instruction aligned to Ohio's Learning Standards for each content area.  
<http://education.ohio.gov/getattachment/Topics/Learning-in-Ohio/Science/Ohios-Learning-Standards-and-MC/SciFinalStandardsMC060719.pdf.aspx?lang=en-US>
- **K-8 Vertical Alignment**  
<http://education.ohio.gov/getattachment/Topics/Learning-in-Ohio/Science/Ohios-Learning-Standards-and-MC/Science-Transition-Tools/ScienceVerticalAlignment.pdf.aspx?lang=en-US>
- **Test Specifications**  
The Ohio Department of Education has released a set of test specification documents, including descriptions of the assessment components and item types, assessment blueprints, and item specifications, to help educators and the general public better understand the design of Ohio's State Tests. These documents are used to guide the development of the Ohio's State Tests.  
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- **Blueprint**  
Test blueprints serve as a guide for test construction and provide an outline of the content and skills to be measured on the test. They contain information about individual tests, including the number of test items, the number of points on the test, and show how the learning standards are grouped in order to report the test results. All learning standards identified on the blueprint are eligible to appear on a test form and should be taught during instruction.  
<https://oh.portal.cambiumast.com/resources/general-resources/>
- **Performance Level Descriptors (PLDs)**  
PLDs are the link between Ohio's Learning Standards and performance standards. They were developed by Ohio educators and other content experts to illustrate the typical demonstration of the learning for each of the five performance levels: Limited, Basic, Proficient, Accelerated and Advanced.  
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- Cognitive Demand  
Cognitive demand represents the type of thinking, or the level/depth of complexity of thought expected. Descriptions of Cognitive Demands are available on page 3 of the Test Specifications: <https://oh.portal.cambiumast.com/resources/general-resources/>
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<http://education.ohio.gov/getattachment/Topics/Learning-in-Ohio/Science/Resources-for-Science/Frequently-Asked-Questions-for-Science/Science-Graduation-Requirements/What-are-the-differences-between-a-laboratory-exp/Science-Cognitive-Demands.pdf.aspx?lang=en-US>
- Ohio's State Tests: Item Development Sequence  
<http://education.ohio.gov/getattachment/Topics/Testing/Assessment-Committees/Item-Development-Sequence.pdf.aspx?lang=en-US>
- Test Specifications – How to Use  
[https://education.ohio.gov/getattachment/Topics/Testing/Ohios-State-Test-in-ELA-Math-Science-SocialStudies/Ohio-Test-Specifications\\_Accessible-5-18-20-jh-1.pdf.aspx?lang=en-US](https://education.ohio.gov/getattachment/Topics/Testing/Ohios-State-Test-in-ELA-Math-Science-SocialStudies/Ohio-Test-Specifications_Accessible-5-18-20-jh-1.pdf.aspx?lang=en-US)
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- Roadmap to Ohio's Assessment Development Resources  
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- Additional Resources for Science:  
<http://education.ohio.gov/Topics/Learning-in-Ohio/Science/Resources-for-Science>

## Science, Grade 8 Resources

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