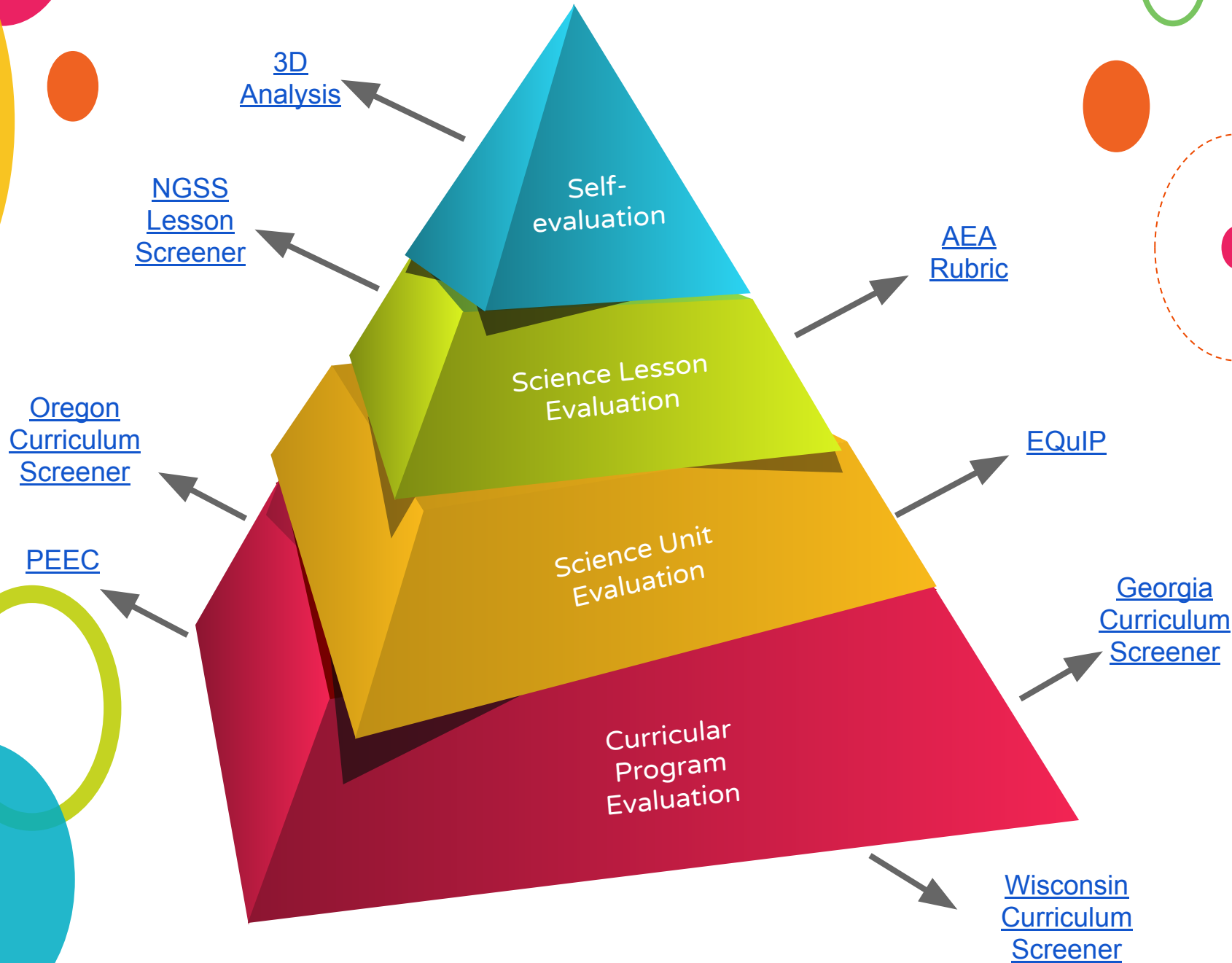


# Instructional Resources Evaluation Tools



# Evaluation of Instructional Materials for the Iowa Science Standards



## Overview

As classrooms and districts prepare for the upcoming full implementation of the Iowa Science Standards, based on the NGSS performance expectations, educators and administrators will naturally be analyzing their curriculum to determine how, and if, the curriculum aligns to the new standards.

This document includes a collection of resources that can assist in analyzing current curriculum to determine what adjustments may need made, or can be used for looking at potential new curricular resources.

## Resources

### [NGSS Lesson Screener](#)

Developed by Achieve, the lesson screener is designed to be a quick look at a lesson to ensure it's alignment to the criteria of the Next Generation Science Standards. The Lesson screener was not designed as a thorough curriculum vetting tool, but as a quicker look to determine if full vetting is warranted.

### [Educators Evaluating the Quality of Instructional Products \(EQIP\) Rubric](#)

This rubric serves as a thorough evaluation of instructional materials and unit design with respect to the NGSS. This tool analyzes three different categories of alignment: three dimensional learning, instructional support, and monitoring of student progress. Additional information regarding this tool can be [found here](#) on the NGSS website.

### **3D Learning Implementation Tool**

This tool was developed by Erik Hall and Kris Kilibarda to allow teachers and administrators to analyze the integration of all three dimensions in classroom instruction. Useful as a self-assessment for teachers to consider how they are integrating the 3 dimensions but also as a check to determine if the instructional materials lend themselves to this integration.

### **PEEC (Primary Evaluation of Essential Criteria)**

This tool, designed through a collaborative process overseen by Achieve, Inc is intended to allow educators and those reviewing curriculum in determining how well instructional materials have been designed to meet the NGSS. Additional information and background on the development of this tool can be found at [this location](#) on the NGSS website.

### **Georgia Regional Science Academy Tool (modified PEEC)**

This tool was developed by the Georgia Regional Science Academy to assist with curricular decisions and was modified from the PEEC. This tool could be helpful for teachers and districts that are evaluating instructional materials.

### **Wisconsin Department of Public Instruction Materials Review**

This rubric was developed by the Wisconsin Dept of Public Instruction for the task of evaluating science textbooks and instructional materials. The rubric is based on both the EQUiP and PEEC tools.

### **Iowa Instructional Resources Work Team (Modified PEEC/EQUiP)**

This tool is a rubric that was designed by the Instructional Resources committee of the Iowa Science Leadership team. It combines the PEEC and EQUiP and can assist educators in determining how aligned instructional materials are to the criteria of the NGSS.

### **Oregon Department of Education (Modified EQUiP)**

This document utilized the EQUiP to create an evaluation tool utilized by the Oregon Department of Education when evaluating curricular materials for their state. This tool has evaluation criteria identified at the K-5, 6-8, and 9-12 levels.