Materials & Resources

Materials & Resources provides users with a way to locate standards-aligned content through a targeted search.

The icons next to each piece of content identify its type:

Lesson/Unit Plan	Voluntary Model Curriculum Unit and Lesson Plans from PDE
Instructional Content	Lesson Plans, Unit Plans, and Activities for classrooms, Training Modules
Educational Resources	Literature Connections, Tutorials, Teacher Resources, Homework Help, etc.
Assessment	Document Based Questions, Constructed Response Questions, Rubrics, etc.
Videos	Multimedia Video content
Web-Based Content	Digital Profiles, Web-based Resources, WebQuests, Documents and Manuscripts, Audio/Podcasts, E-books, etc.
PA Educator Created Content	Resources authored by Pennsylvania educators.
Safe Schools Resource	Resources and exemplars for promoting active student engagement in a safe and positive learning environment.
Professional Development	Training modules that cover a variety of professional development topics.

Search

Using the **Search** tab, you can refine your search to look for content:

- Using a **Keyword** or **Phrase**
- By **Subject Area** and **Grade Level** (or **Band**)
- By a **Course**
- By one or more specific **Content Types**

1. To begin, choose **Materials & Resources** from the **Navigation Bar**.

2. On the Search tab, enter a **Keyword**, and then select a **Grade Level**/**Subject Area** or **Course**.

3. You may narrow your search results to include specific types of **Materials & Resources** by placing a checkmark next to your desired content types. Then click **Search**.

4. Click a **Title** to view the content. You may have several pages of search results; use the **Page Numbers** to view additional pages of search results.

Note: The presence of a **Caution** icon within your search results indicates content that contains hyperlinks that will take you outside of the **Standards Aligned System** to the Internet. This content has been peer reviewed, but may contain content or advertising that is not under PDE control.

5. Preview the content.

6. Click **Back** (at the bottom of the page) to return to your search results.

Search Tips

The Standards Aligned System portal includes content from several outstanding community, cultural, and educational institutions.

1. To begin, choose **Materials & Resources** from the **Navigation Bar**.

2. Click on the ***Click here*** link that is embedded in the text at the top of the **Search** tab.

3. The **Search Tips** tab will open. Click on a **Keyword** to view content from the collection.

4. Click a **Title** to view the content. You may have several pages of search results; use the **Page Numbers** to view additional pages of search results.

QuickSearch

There is a **QuickSearch** tool built into the navigation bar at the top of every page in **SAS**. Users can search the database of **Materials & Resources** with one click!

1. Type a **Keyword** or **Phrase** into the **QuickSearch** tool.

2. Click **Search**.

3. A list of search results will be returned. Click on the **Title**(s) to preview the content.

4.   Then, based on the results, refine the search by selecting a **Grade Level/Subject Area** or **Course**. You can also refine your search by clicking the checkboxes next to the types of resources. Click **Search.**

Voluntary Model Curriculum

Materials & Resources include **Voluntary Model Curriculum**, incorporating learning progressions, units, lesson plans, and content resources aligned to the **Pennsylvania Academic** and **PA Core Standards**.

1.   Choose **Materials & Resources** from the **Navigation Bar**.

2.   Click the **Voluntary Model Curriculum** tab.

3. Locate a **Subject** and **Grade Level**. Click the **Plus sign** (+) to view **Lessons** available within a **Unit**.
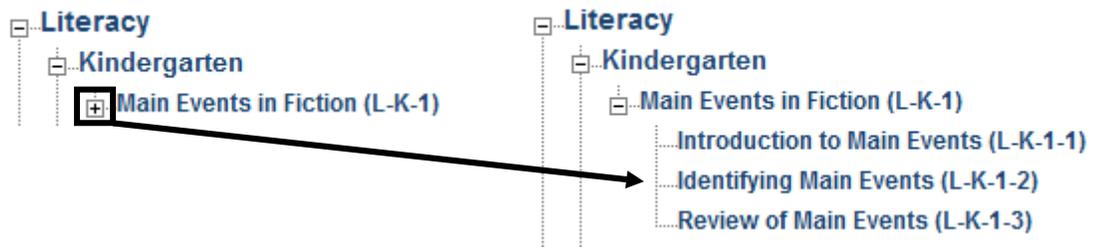
4. Click on a **Title** to view the **Unit** or **Lesson.**

Instructional Supports

1. **Voluntary Model Curriculum (VMC)** lessons plans contain **Instructional Support** references that provide educators with suggestions that they can use to support struggling, advanced, and ELL learners in the classroom.

2. Click on the **plus sign (+)** next to the **Suggested Instructional Supports** field. The explanation of all of the references to **Instructional Supports** (highlighted in yellow) scattered throughout the plan can be located here.

Suggested Instructional Supports

➕ View

Match the number contained in the **Instructional Support** reference in the lesson with the numbers found in the **Suggested Instructional Supports** field for information on how to support struggling, advanced, and ELL learners during instruction.

Suggested Instructional Supports

➖ **View**

Modeling , Active Engagement , Scaffolding , Explicit Instruction

W:	Guide students to restate main events in a story and to identify characters.
H:	Give students opportunities to relate their own experiences about starting kindergarten and identifying events.
E:	Have students listen to *The Kissing Hand,* a story about starting kindergarten, and make connections with their own experiences. Guide students to retell the events in the story in sequence.
R:	Provide opportunities for students to demonstrate their ability to retell main events.
E:	Observe students as they apply what they have learned to determine whether students understand the concept of main events in a story.
T:	Ask guided questions to help students who have difficulty verbalizing ideas.
O:	The learning activities in this lesson provide for large-group instruction and discussion, small-group exploration, and individual application of concepts.

IS.1 - Preparation
Preparation: List ELLs and ELP composite scores.
IS.2 - ELP Standards
For ELLs: List the ELP Standards to be addressed in this lesson.
IS.3 - ELL Students
For ELLs: Pre-teach key vocabulary, using visuals.
IS.4 - Language Function
For ELLs: Include a language function objective
IS.5 - Struggling Learners and ELL Students
For struggling learners/readers consider pre-teaching, re-teaching, and/or sending materials home for additional practice. Increase flexibility and responsiveness by planning lesson adjustments such as increasing or decreasing the pace.
For **English Language Learners** consider consulting with the ESL teacher to develop and deepen lesson objectives.

Rating Voluntary Model Curriculum

1. Hover your mouse over the **Stars** under the heading **Community** (at the bottom of the page).

Community   Current Rating ☆☆☆☆☆ | Rate This Unit ✖☆☆☆☆☆

2. Highlight the number of **Stars** (1-5) you wish to award the resource.

✖★★★★★

3. Your rating will be averaged in with the ratings of others under the heading **Current Rating**.

Current Rating ★★★★☆ | Rate This Unit ✖★★★★☆

4. To remove your rating, click the red **X** icon to the left.

Commenting on Voluntary Model Curriculum

Users can **Comment** on resources in the **Voluntary Model Curriculum**.

1. Enter **Comments** into the **Post a Comment** field, and then click **Post Comment**.

Comments 💬

Comments haven't been posted about the unit plan.

Post a Comment

I have used this unit for first grade students and it has worked well. Does anyone have any suggestions for literature for first graders?

Post Comment

2. Your **Comment** will be added to the list above.

Comments 💬

I have used this unit for first grade students and it has worked well. Does anyone have any suggestions for literature for first graders?
Posted less than a second ago

Learning Progressions

A **Learning Progression** is a road or pathway that students travel as they progress toward mastery of the skills needed for career and college readiness. Each road follows a route composed of a collection of building blocks that are defined by the content standards for a subject.

1. Choose **Materials & Resources** from the **Navigation Bar**.

pennsylvania
DEPARTMENT OF EDUCATION

Welcome, Marla   Logout   Admin Tools   Teacher Tools   Home   Help

SAS
Standards
Aligned
System

Search
Advanced Search

| Standards | Assessments | Curriculum Framework | Instruction | Materials & Resources | Safe & Supportive Schools |
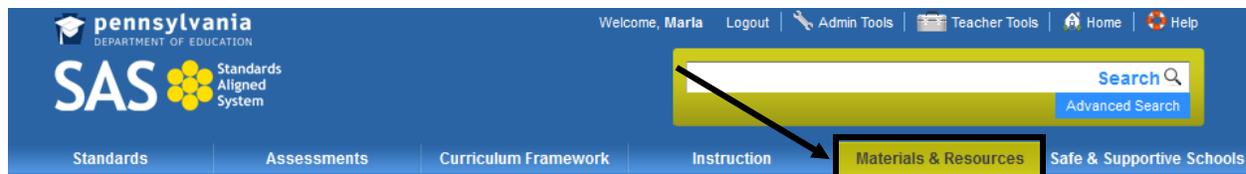
2. Click the **Learning Progressions** tab.

| Standards | Assessment | Curriculum Framework | Instruction | Materials & Resources | Safe & Supportive Schools |

Search   Voluntary Model Curriculum   Learning Progressions   Featured Content   Keystone Content   Keystones to Opportunity

3. Select a resource from the list:

Learning Progression Documents

📄 Reading - Literature Learning Progressions August 2013

📊 Reading - Literature Learning Progressions August 2013

📄 Writing - English Composition Learning Progressions August 2013

📊 Writing - English Composition Learning Progressions August 2013

📄 Mathematics Learning Progressions August 2013

📊 Mathematics Learning Progressions August 2013

📄 Science Learning Progressions August 2010

📊 Science Learning Progressions August 2010

4. The **Learning Progressions** are available as either PDF or Microsoft Excel files. You will be prompted to either **Open** the file, or **Save** the file to a location on your hard drive, file server, or other storage device.

5. The **Learning Progression** is coded. The dots on the matrix indicate when grade-level appropriate resources pertaining to an **Eligible Content** statement are available.

Content Code	Eligible Content	Grades									Algebra I		Algebra II		Geometry	
		K	1	2	3	4	5	6	7	8	Module 1 Operations and Linear Functions & Inequalities	Module 2 Linear Functions and Data Organizations	Module 1 Numbers Systems and Data Analysis	Module 2 Non-Linear Expressions and Equations	Module 1 Geometric Properties and Relations	Module 2 Geometrical Reasoning
Algebraic Concepts: **Functional Representations**																
M03.B-O.3.1.5	Identify arithmetic patterns (including patterns in the addition table or multiplication table) and/or explain them using properties of operations.				▮											
M04.B-O.3.1.1	Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself.					●										
M04.B-O.3.1.2	Determine the missing elements in a function table (limit to +, –, or × and to whole numbers or money).					●										
M04.B-O.3.1.3	Determine the rule for a function given a table (limit to +, –, or × and to whole numbers).					●										

6. Click on the **Eligible Content** code to be taken to the **Voluntary Model Curriculum (VMC)** resources that address the skill.

| M04.B-O.3.1.1	Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself.					●

Materials & Resources - Results

🥧 Using Patterns in Algebraic Thinking

Unit Plan
Grade(s):4th Grade

Keystone Content

The **Keystone Content** pages contain materials that align with the Keystone Exam, providing instructional content for educators and subject-specific activities that students can use to prepare for the assessment. The first **Keystone Content** page to be developed is for **Algebra I Resources**.

1.   Click the **Materials & Resources** tab on the **Navigation Bar**.
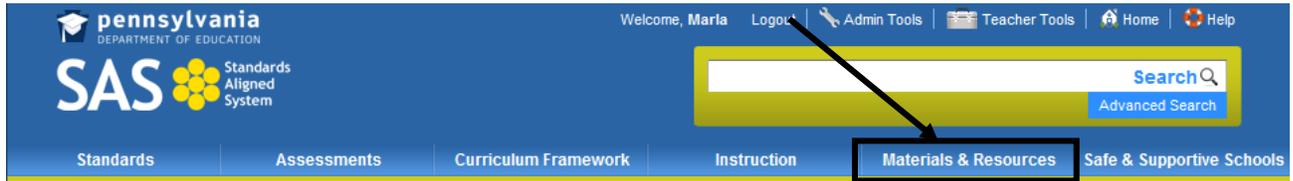
2.   Hover your mouse over the **Keystone Content** tab, and select **Algebra I**.
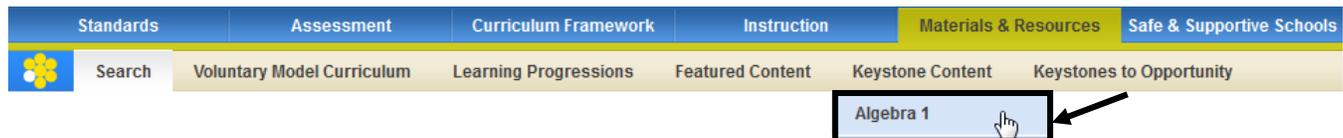
3. **Keystone Exams** are developed using a module format, wherein the **Assessment Anchors** and **Eligible Content** are organized into two thematic modules. Select a **Module** to begin exploring the resources.


4.   Select from the various resources on the page, all of which are aligned to **Eligible Content** statements from the **Algebra I** course.

- **Educator Resources** – instructional resources for Algebra I teachers.
- **Student Resources** – subject-specific activities for Algebra I students
- **Sample Assessments** – standards-based sample assessments.

Keystones to Opportunity

The **Pennsylvania Department of Education** has been awarded $38.6 million through the **United States Department of Education's Striving Readers Comprehensive Literacy Program**. The **Keystones to Opportunity (Striving Readers) Grant** was awarded to support Pennsylvania's comprehensive approach to improving literacy outcomes for all children, including disadvantaged students, limited English proficient students and students with disabilities.

Local Education Agencies (LEAs) and early childhood education (ECE) programs with the greatest academic need and the greatest capacity for improving student literacy scores are welcome to apply for grant monies via a two-step application process.

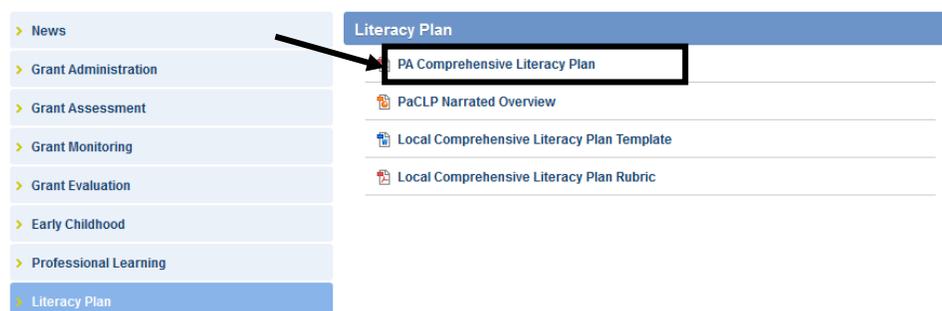1. Click **Instruction** on the **Navigation Bar**.
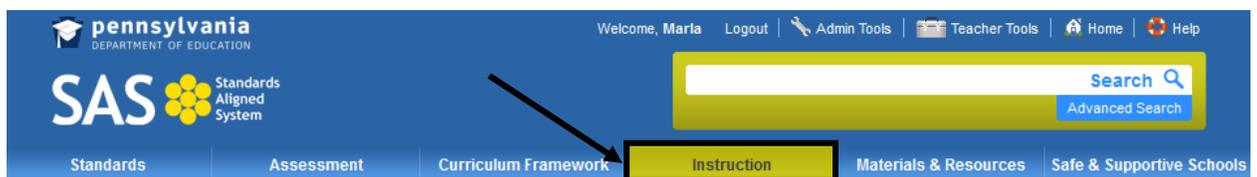
2. Click the **Keystones to Opportunity** tab.

- This tab contains various reference materials related to the grant, including the **PA Comprehensive Literacy Plan**. Click on the link under the **Literacy Plan** heading.

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