

Standards

In **Standards**, users will find the Pennsylvania Academic and Core Standards for all standard areas across all grade levels Pre K – 12.

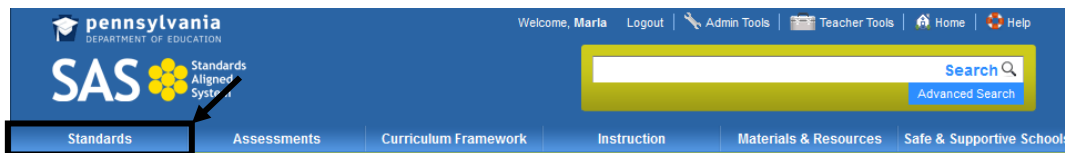
View Standards

Using this tool, you can locate specific standards, anchors, and eligible content based on subject area and grade level or course.

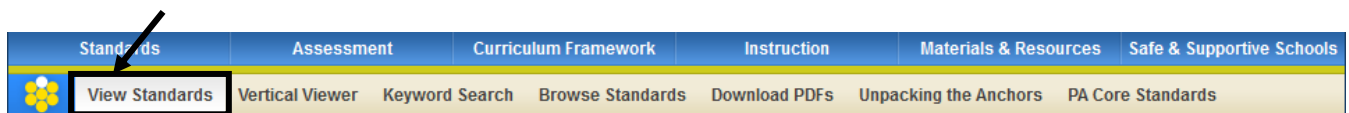
Currently, these search tools allow users to view the standards by:

- **Subject Area** - All Subject Areas, including PA Core Standards
- **Level** – Pre-Kindergarten to 12th grade, plus grade level Bands for K-2, 3-5, 6-8 and 9-12.
- **Course** – Academic courses offered at the secondary level.
- **School-Wide Area of Focus** – Standards for English Language Proficiency (ELP)

1. To begin, choose **Standards** from the **Navigation Bar**.



2. The **View Standards** tab will open.



3. Select a **Grade Level** (or **Band**) and **Subject Area**.

Select a Grade Level/Subject Area
Select a Course
Select a School-Wide Area of Focus



For secondary level classes, select a **Course**, OR select a **School-Wide Area of Focus** (ELP).

4. Click **Search**.

5. Search results will display, including **Subject Area, Standard Area, Grade Level and Standards.**

PA Core Standards - CC.2: PA Core: Mathematics

Standard Area - CC.2.1: Numbers and Operations

Grade Level - CC.2.1.3: GRADE 3

Standard - CC.2.1.3.A.1: Intentionally Blank

Standard - CC.2.1.3.A.2: Intentionally Blank

Standard - CC.2.1.3.A.3: Intentionally Blank

Standard - CC.2.1.3.B.1: Apply place value understanding and properties of operations to perform multi-digit arithmetic.

Assessment Anchor - M03.A-T.1: Use place-value understanding and properties of operations to perform multi-digit arithmetic.

Anchor Descriptor - M03.A-T.1.1: Apply place-value strategies to solve problems.

Eligible Content

M03.A-T.1.1.1: Round two- and three-digit whole numbers to the nearest ten or hundred, respectively. [Materials & Resources](#)

M03.A-T.1.1.2: Add two- and three-digit whole numbers (limit sums from 100 through 1,000) and/or subtract two- and three-digit numbers from three-digit whole numbers. [Materials & Resources](#)

M03.A-T.1.1.3: Multiply one-digit whole numbers by two-digit multiples of 10 (from 10 through 90). [Materials & Resources](#)

M03.A-T.1.1.4: Order a set of whole numbers from least to greatest or greatest to least (up through 9,999, and limit sets to no more than four numbers). [Materials & Resources](#)

NOTE: Assessment Anchors, Anchor Descriptors, and Eligible Content will display for the following subject areas:

- ELA
- Math
- Science

Standards-Aligned Content

On any page listing **Standards**, a **Materials & Resources** and/or **Assessment** button may appear to the right of a **Standard/Eligible Content** statement. Click on a button to view either **Materials & Resources** or **Assessment** items related to that particular statement.

M3.A.1.1.2: Differentiate between and/or give examples of even and odd number (limit to 3 digits).



For example, for Third Grade Mathematics Eligible Content statement [M3.A.1.1.2](#):

Materials & Resources - Results

[Odd and Even](#)

[Introduction to Even Numbers](#)

[Odd and Even Numbers by teachkids.com](#)

[Odd and Even Idea Bank from Wendy Petti at mathcats.com](#)

Mathematics - 3rd Grade

David has an odd number of comic books. Which number could be the number of comic books David has?

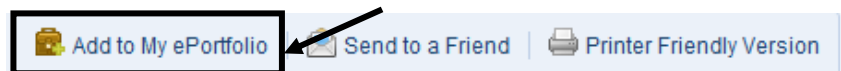
- A 16
- B 23
- C 38
- D 40

Saving SAS Resources

Users can elect to save a SAS resource in **My ePortfolio**.

1. Find an activity, resource, lesson, etc. within **SAS**.

2. Click **Add to My ePortfolio** in the upper-right hand corner of the resource window.



3. In the pop-up window:

- The item will be added by default to the **My Portfolio** folder. Choose a different **Folder** by clicking the dropdown icon (optional).
- Notice the **Title** of the content has been pre-populated. You may change it if you desire.
- Add an optional **Description** of the content.
- Notice the **Location (URL)** of the page you are on has been pre-populated.
- Click **Save**.
- The window will close, and the content will be added to your **ePortfolio**.



NOTE: Detailed instructions for **My ePortfolio** are available on p. 91.

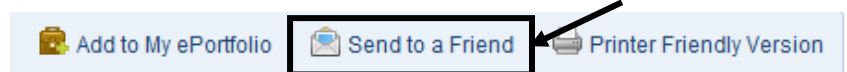
Sharing SAS Resources

Users can elect to **Send** the resource to a **Friend** via email.

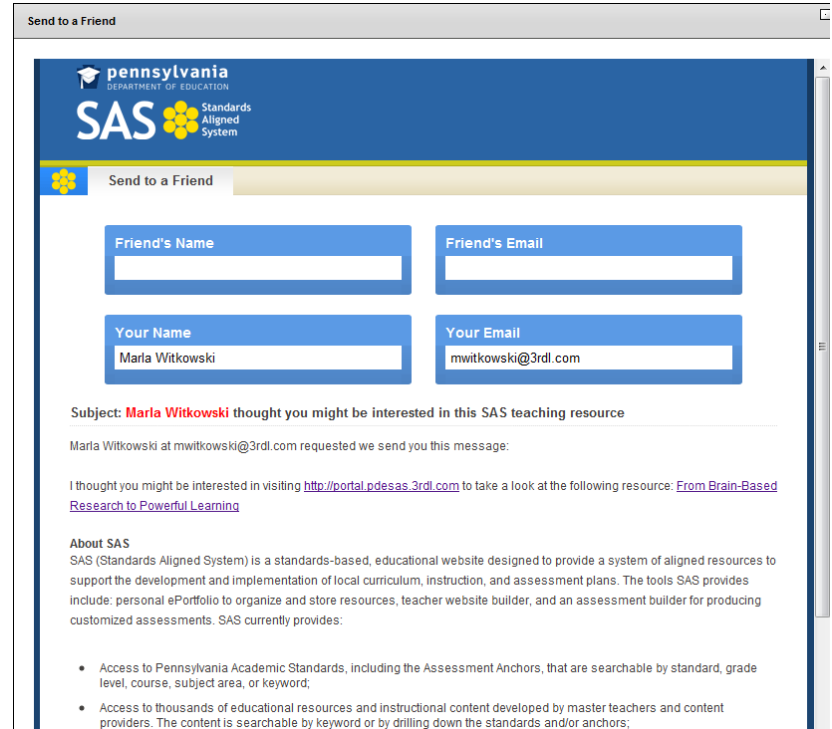
1. Find an activity, resource, lesson, etc. within **SAS**.



2. Click **Send to a Friend** in the upper-right hand corner of the resource window.



3. A window will open. The **Your Name** and **Your Email** fields will populate with information from your **SAS Profile** (see p. 12).
4. Complete the **Friend's Name** and **Friend's Email** fields.
5. Click **Send Email**.
6. An email will be sent to your friend, highlighting a piece of **SAS** content.



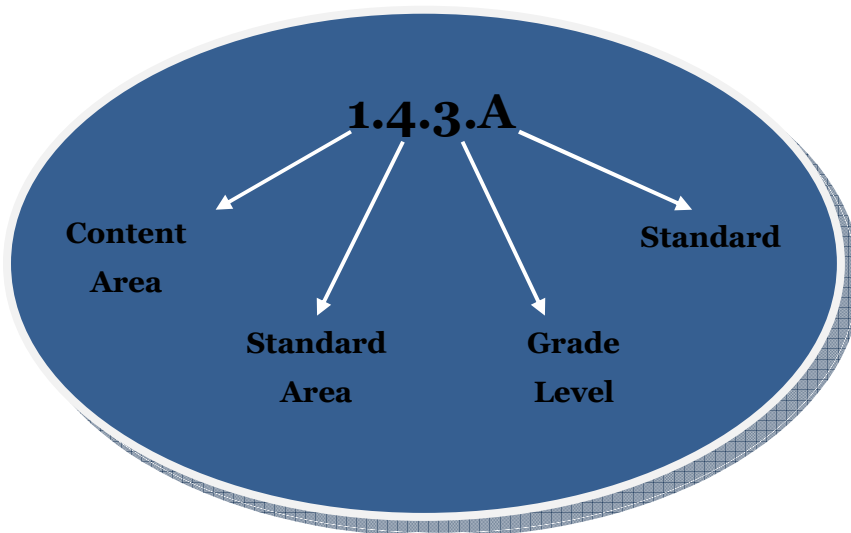

NOTE: Your friend does not need to have a **SAS Username** and **Password** in order to view the content.

PA Academic Standards

Standards Coding

Standard Coding:

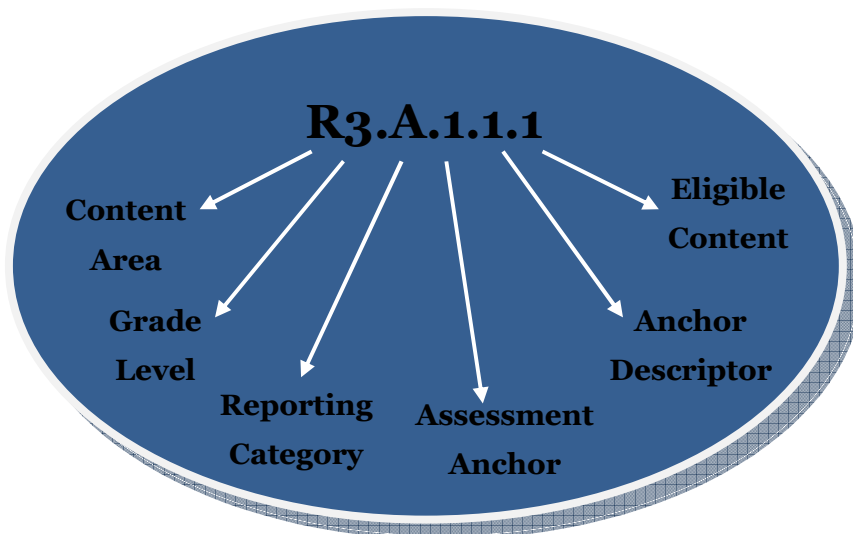
- 1 indicates the Content Area - *Reading, Writing, Speaking and Listening*.
- 4 is the Standard Area - *Types of Writing* (RWSL has 9 Standard Areas).
- 3 is the Grade Level of the standard
- A is the ordinal descriptor that identifies the specific Standard statement - *Write poems and stories; include detailed descriptions of people, places, and things, include literary elements*.



Assessment Anchor Coding

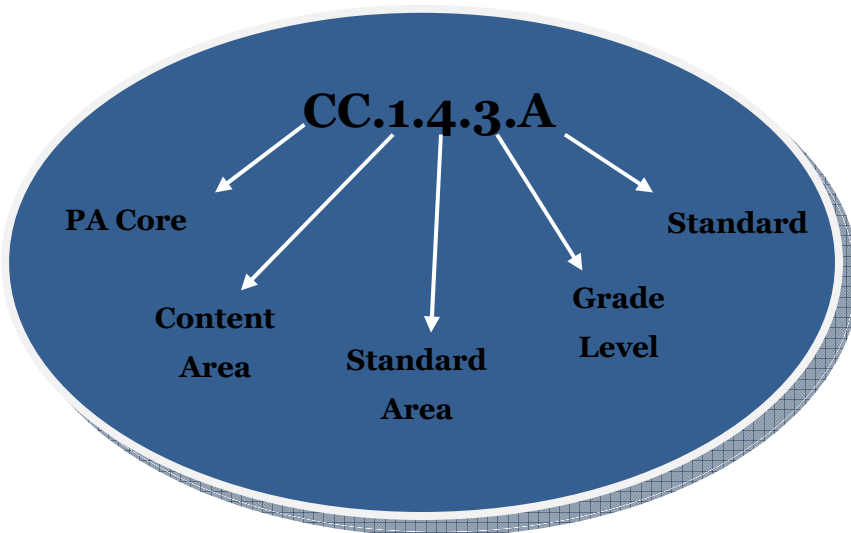
Anchor Coding:

- R indicates that this is a *Reading* anchor.
- 3 is the Grade Level of the anchor.
- A is the Reporting Category *Comprehension and Reading Skills*.
- The first number 1 is the Assessment Anchor, and defines the skill that is assessed on the PSSA - *Describe and interpret literary elements within and among texts*.
- The second number 1 is an ordinal descriptor which indicates the Anchor Descriptor – *Compare characters, settings and plots*.
- The final number 1 is an ordinal descriptor that indicates the Eligible Content statement - *Identify and/or interpret meaning of multiple-meaning words used in text*.



PA Core Standards

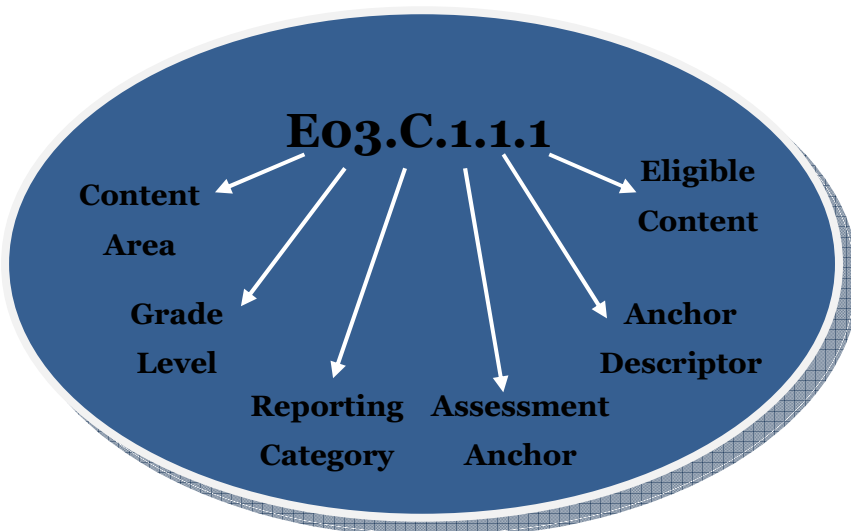
Standards Coding



Standard Coding:

- CC indicates that this is a PA Core Standard
- 1 indicates the Content Area – *English Language Arts*.
- 4 is the Standard Area - *Writing* (ELA has 5 Standard Areas).
- 3 is the Grade Level of the Standard
- A is the ordinal descriptor that identifies the specific Standard statement - *Write informative/explanatory texts to examine a topic and convey ideas and information clearly.*

Assessment Anchor Coding



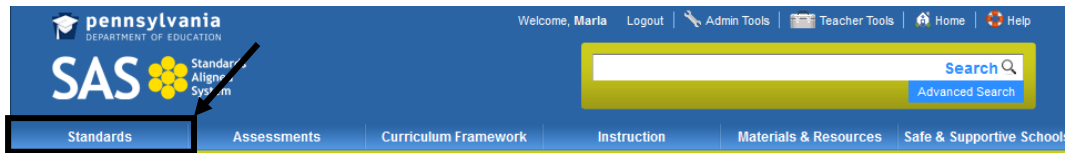
Anchor Coding:

- E indicates that this is an *English Language Arts* anchor.
- 03 is the grade level of the anchor.
- C is the reporting category *Writing*.
- The next number 1 is the Assessment Anchor, and defines the skill that is assessed on the PSSA – *Text types and purposes*.
- The second number 1 is an ordinal descriptor which indicates the Anchor Descriptor – *Write opinion pieces on topics or texts, supporting a point of view with reasons*.
- The final number 1 is an ordinal descriptor that indicates the Eligible Content statement - *Introduce the topic or text for the intended audience, state an opinion, and create an organizational structure that lists reasons to support the writer's purpose.*

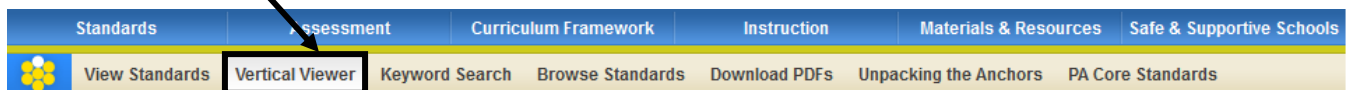
Vertical Viewer

Use the **Vertical Viewer** to take a closer look at the Pennsylvania Academic and Core Standards as the complexity and sophistication of the statements increase throughout the grades.

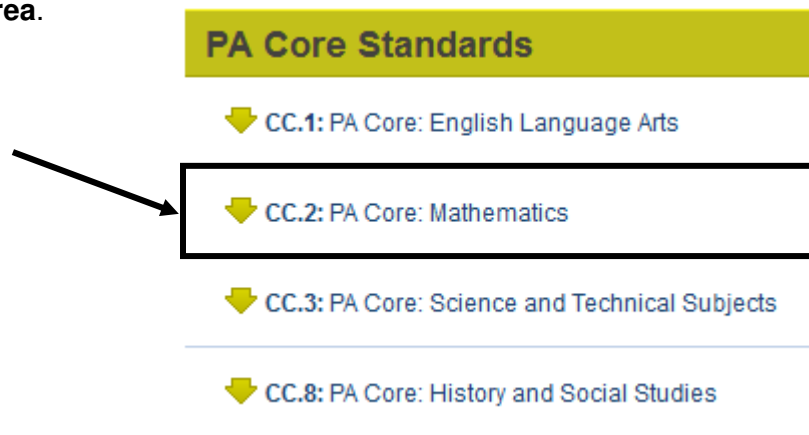
- To begin, choose **Standards** from the **Navigation Bar**.



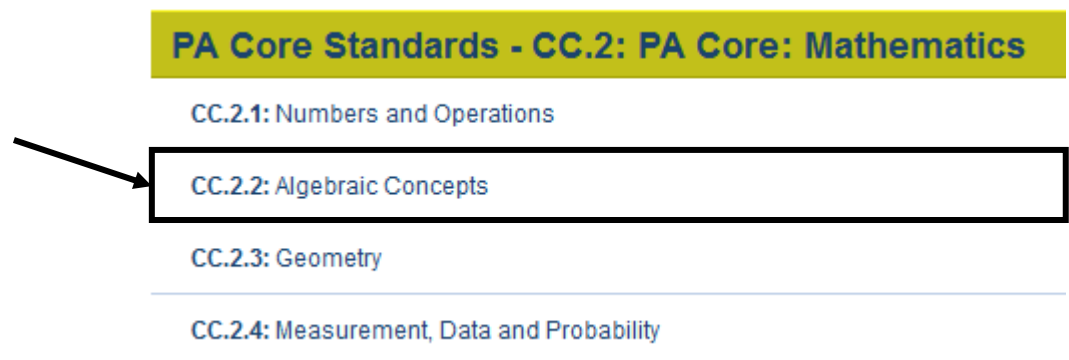
- Click the **Vertical Viewer** tab.



- Select a **Subject Area**.



- Select a **Standard Area**.



NOTE: In the **Subject Area** of **Science**, it is necessary to select an **Organizing Category**.

- A matrix spanning **Grades 3-8** will appear, allowing users to view the progression of **Standards** across **Grade Levels**.

PA Core Standards - CC.2: PA Core: Mathematics						
Standard Area - CC.2.2: Algebraic Concepts						
See Grades PK - 3	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8
See Grades 8 - 12	CC.2.2.3.A.1: Represent and solve problems involving multiplication and division.	CC.2.2.4.A.1: Represent and solve problems involving the four operations.	CC.2.2.5.A.1: Interpret and evaluate numerical expressions using order of operations.	CC.2.2.6.A.1: Intentionally Blank	CC.2.2.7.A.1: Intentionally Blank	CC.2.2.8.A.1: Intentionally Blank
	CC.2.2.3.A.2: Understand properties of multiplication and the relationship between multiplication and division.	CC.2.2.4.A.2: Develop and/or apply number theory concepts to find factors and multiples.	CC.2.2.5.A.2: Intentionally Blank	CC.2.2.6.A.2: Intentionally Blank	CC.2.2.7.A.2: Intentionally Blank	CC.2.2.8.A.2: Intentionally Blank
	CC.2.2.3.A.3: Demonstrate multiplication and division fluency.	CC.2.2.4.A.3: Intentionally Blank	CC.2.2.5.A.3: Intentionally Blank	CC.2.2.6.A.3: Intentionally Blank	CC.2.2.7.A.3: Intentionally Blank	CC.2.2.8.A.3: Intentionally Blank

- Click **See Grades 8-12** to view the **Standards** across **Grades 8-12** and all appropriate **Courses** at the secondary level.

PA Core Standards - CC.2: PA Core: Mathematics	
Standard Area - CC.2.2: Algebraic Concepts	
See Grades PK - 3	GRADE 3
See Grades 8 - 12	CC.2.2.3.A.1: Represent and solve problems involving multiplication and division.
	CC.2.2.3.A.2: Understand properties of multiplication and the relationship between multiplication and division.

NOTE: A **See Grades PK-3** button will appear in the following Standard areas:

- Reading, Writing, Speaking, and Listening
- Mathematics
- Science, Technology and Engineering Education
- Civics and Government
- Economics
- Geography
- History
- Business, Computer and Information Technology
- PA Common Core: English Language Arts
- PA Common Core: Mathematics

[Reset Vertical Viewer](#)

- Click on **Reset Vertical Viewer** to clear your selections. You may also elect to **Print** the matrix or **Save** it as a **PDF** file.

- Click on a specific **Standard** to view its relationship to additional levels of alignment, such as **Assessment Anchors** and **Eligible Content**.

PA Core Standards - CC.2: PA Core: Mathematics

Standard Area - CC.2.2: Algebraic Concepts

Grade Level - CC.2.2.4: GRADE 4

Standard - CC.2.2.4.A.1: Represent and solve problems involving the four operations.

Assessment Anchor

▼ **M04.B-O.1:** Use the four operations with whole numbers to solve problems.

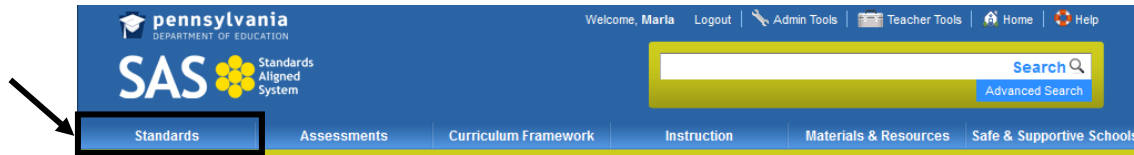
CC.2.2.4.A.1:
Represent and solve problems involving the four operations.

Materials & Resources

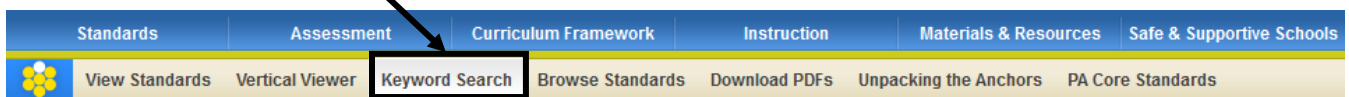
Keyword Search

Use a **Keyword** to restrict a search to specific content areas, grade levels, courses, and levels of alignment.

- To begin, choose **Standards** from the **Navigation Bar**.



- Click the **Keyword Search** tab.

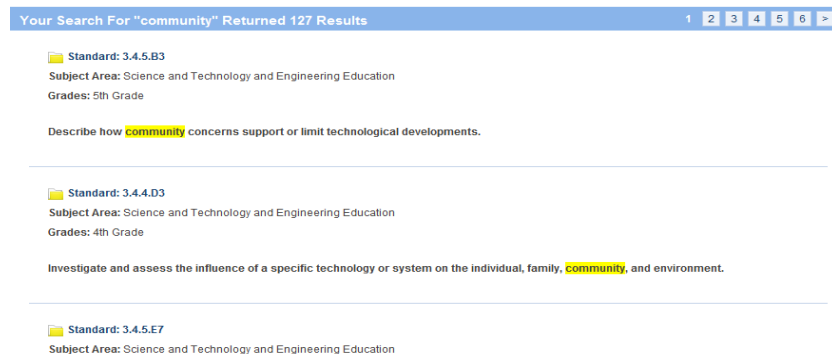


- Type in the **Keyword** you wish to locate within the **Standards**.
- Choose:
 - A **Grade Level/Subject Area**.
 - A **Course** at the secondary level.
 - A **School-Wide Area of Focus**.
- Click **Search**.

Users may limit the search by placing a **checkmark** next to specific level(s) of alignment.



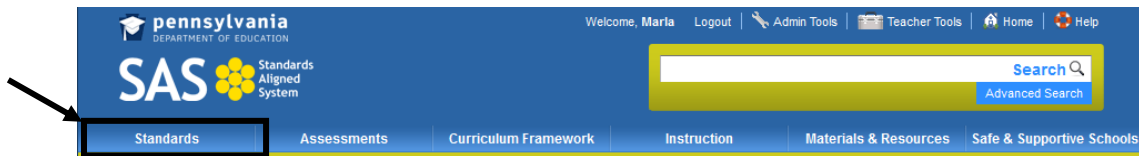
- A list is generated highlighting where that word or phrase appears in the Pennsylvania Academic and/or Core Standards.



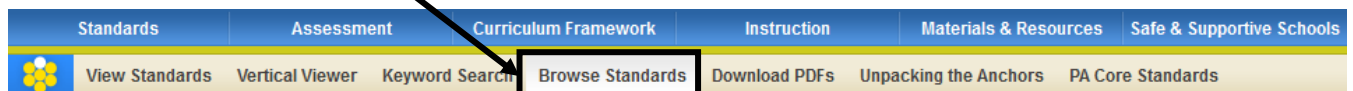
Browse Standards

In **Browse Standards**, statements are arranged within standard areas from the standard statements to the anchors down to the eligible content.

- To begin, choose **Standards** from the **Navigation Bar**.



- Select the **Browse Standards** tab.



- Select a **Subject Area**.



- Select a **Standard Area**.



Grade Level

5.1.3: GRADE 3

5.1.4: GRADE 4

5.1.5: GRADE 5

5.1.6: GRADE 6

5.1.7: GRADE 7

5.1.8: GRADE 8

5.1.9: GRADE 9

5.1.12: GRADE 12

Course




5.1.C: CIVICS & GOVERNMENT

5.1.U: US HISTORY 1850-PRESENT

5.1.W: WORLD HISTORY 1450-PRESENT

5. Select a **Grade Level/Course**.

6. The standards will populate. Appearance of a **Materials & Resources** and/or **Assessment** button indicates that there is related content. You may select a button to view either **Materials & Resources** or **Assessment** items related to a particular statement.

Standard	
5.1.5.A: Understand the rule of law in protecting property rights, individual rights and the common good.	
5.1.5.B: Describe the basic purposes of government in the classroom, school, community, state , and nation.	
5.1.5.C: Describe the principles and ideals shaping local state , and national government . <ul style="list-style-type: none"> • Liberty / Freedom • Democracy • Justice • Equality 	

NOTE: Assessment Anchors, Anchor Descriptors, and Eligible Content will display for the following subject areas:

- ELA
- Math
- Science

These content buttons will appear at the Eligible Content level of alignment for these subjects.

7. Click on **Reset Browse Standards** to clear your selections.



Printing the Standards

At each level of alignment, it is possible to **Print** a copy of the **Standards** or to **Save** them as a **PDF** file.

Anchor Descriptor - M3.A.1.1: Apply place-value concepts and numeration to counting, ordering, grouping and equivalency.



- To **Print**, click the **Printer** icon to the right of the level you wish to print. The printer-friendly version of the **Standards** will open in a new window. To print, go to the **File** menu and select **Print**.

Subject Area - 2: Mathematics

Standard Area - 2.11: Concepts of Calculus

Grade Level - 2.11.3: GRADE 3

Standard - 2.11.3.A: Identify whole number quantities and measurements from least to most and greatest value.

Assessment Anchor - M3.A.1: Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems.

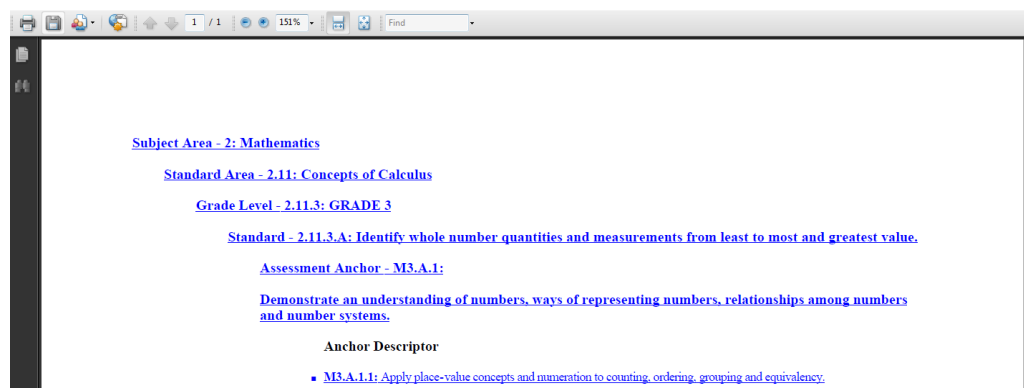
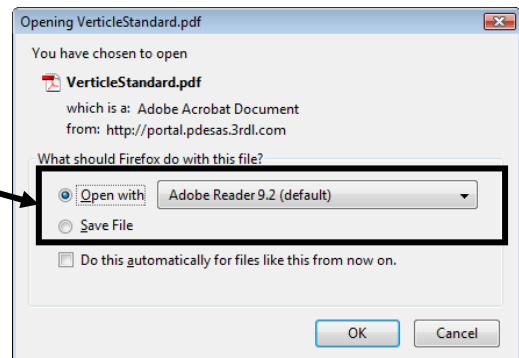
Anchor Descriptor

M3.A.1.1: Apply place-value concepts and numeration to counting, ordering, grouping and equivalency.

Eligible Content

- M3.A.1.1.1: Match the word name with the appropriate whole number (up through 9,999).
- M3.A.1.1.2: Differentiate between and/or give examples of even and odd number (limit to 3 digits).
- M3.A.1.1.3: Compare two whole numbers using greater than (>), less than (<) or equal to (=) (up through 9,999).
- M3.A.1.1.4: Order a set of whole numbers from least to greatest or greatest to least (up through 9,999, limit sets to no more than four numbers).
- M3.A.1.1.5: Match a symbolic representation of numbers to appropriate whole numbers (e.g., base ten blocks, 7 hundreds, 4 tens and 8 ones, etc).

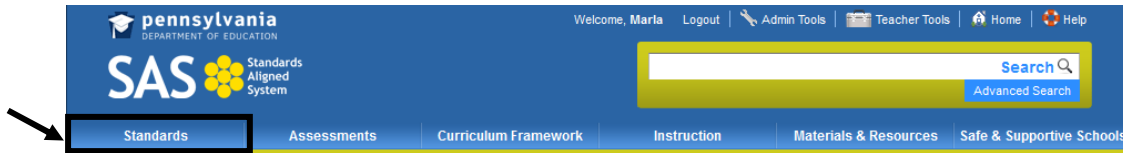
- To **Save as PDF**, click the **PDF** icon to the right of the level you wish to print. You will be prompted to either **Open** the file, or **Save** the file to a location on your hard drive, file server, or other storage device.



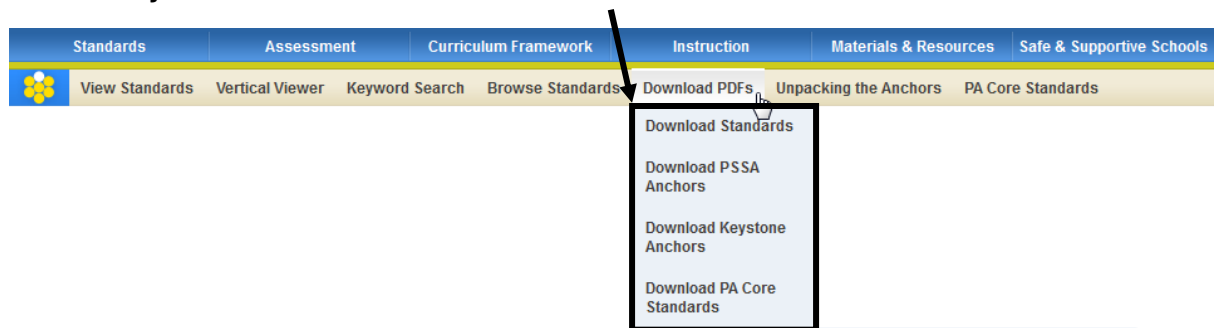
Download PDFs

Access the **PDF** versions of all **Pennsylvania Academic Standards**, **PA Core Standards**, and **Assessment Anchor** documents. The **Assessment Anchors**, like the **Standards**, are dynamic documents and will be amended periodically.

- To begin, choose **Standards** from the **Navigation Bar**.



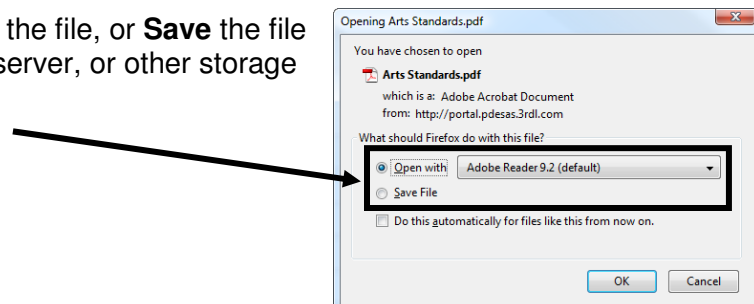
- Click the **Download PDFs** tab, and select the **Download Standards**, **Download PSSA Anchors**, **Download Keystone Anchors** or **Download PA Core Standards** tab.



- Locate the appropriate **Standard Area**, and click the title.



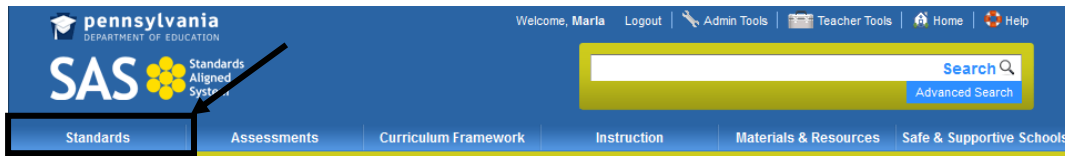
- You will be prompted to either **Open** the file, or **Save** the file to a location on your hard drive, file server, or other storage device.



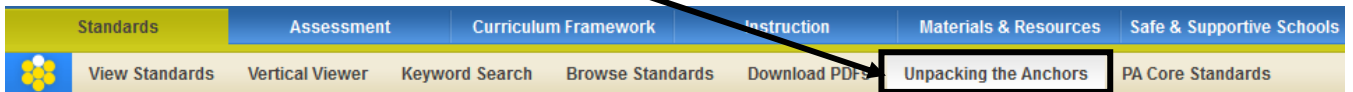
Unpacking the Anchors

View **Skills** and **Content** related to specific **Anchor Descriptors**.

- To begin, choose **Standards** from the **Navigation Bar**.



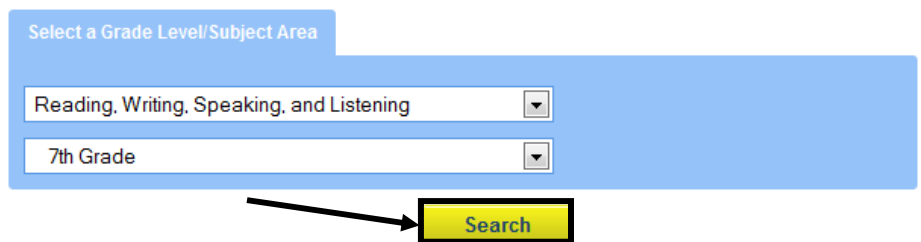
- Select the **Unpacking the Anchors** tab.



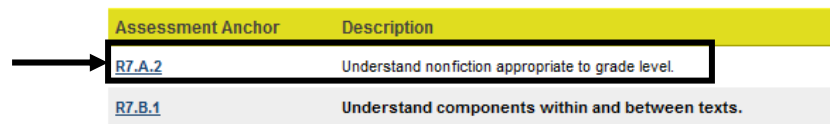
- Enter a **Keyword or phrase** (optional).



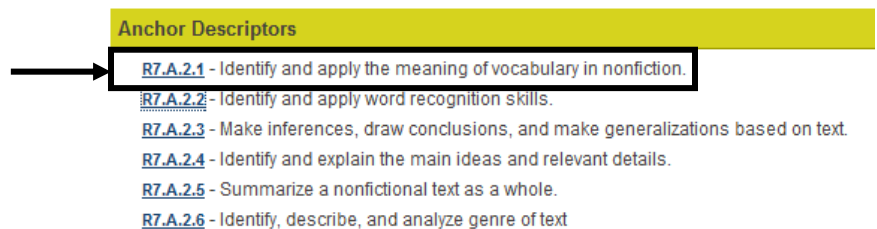
- Select a **Subject Area** and **Grade Level**, and then click **Search**.



- Select an **Assessment Anchor**.



- Select an **Anchor Descriptor**.



- A list of related **Skills** and **Content** will appear. Click the **Anchor Descriptor** to collapse the information.

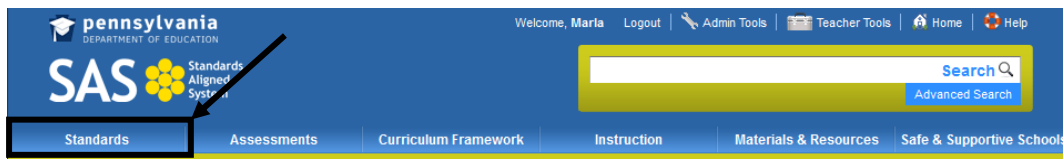
Skills	Content
Apply meaning of content-specific words used in text Identify meaning of content-specific words used in text	Content-specific words
Apply meaning of multiple-meaning words used in text Identify meaning of multiple-meaning words used in text	Multiple-meaning words

PA Core Standards

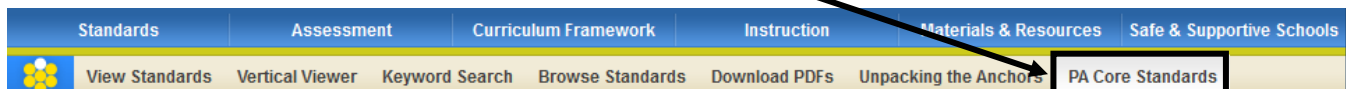
The State Board adopted **Common Core Standards** in July 2010. Since that time, the decision was made to craft a set of **PA Core Standards** in English Language Arts and Mathematics. A group of Pennsylvania educators created a draft set of **PA Core Standards**. These new standards mirror the content and rigor of Common Core, but reflect the organization and design of the **PA Academic Standards**.

Additionally, the **Common Core Standards for English Language Arts and Literacy in History/Social Studies and Science/Technical Subjects** will be appended to their respective **PA Academic Standards**.

1. To begin, choose **Standards** from the **Navigation Bar**.



2. Select the **PA Core Standards** tab.



3. Click on the appropriate sub-topic, and then click the title of the document you wish to view:

PA Core Standards (Draft Versions)	PA Core Standards (Draft Versions)
<ul style="list-style-type: none"> > PA Core Appendices PA Core Curriculum Frameworks (Draft Versions) > PA Core Crosswalks > PA Core Resources > PA Core ELA Training Modules > PA Core Mathematics Training Modules ELA Assessment Anchors and Eligible Content (Draft Versions) Mathematics Assessment Anchors and Eligible Content (Draft Versions) > ELA Emphasis Guides Mathematics Emphasis Guides and Cluster Matrices 	<ul style="list-style-type: none"> PA Core - English Language Arts, Grades PreK-5 (Draft) PA Core - English Language Arts, Grades 6-12 (Draft) PA Core - Mathematics, Grades PreK-12 (Draft) PA Core - Reading for Science and Technical Subjects 6-12 (Draft) PA Core - Writing for Science and Technical Subjects 6-12 (Draft) PA Core - Reading for History and Social Studies 6-12 (Draft) PA Core - Writing for History and Social Studies 6-12 (Draft)

4. 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.

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