



Standards Exploration

1. Navigate to the **Home Page** of the SAS Portal at <http://www.pdesas.org>
2. You can access the **Standards** element of the Portal by clicking the **Standards** tab or by clicking the circle labeled **Standards** on the SAS logo in the middle of the **Home Page**.

View Standards:

SASIT Tip: View Standards allows users to locate specific **Standards, Anchors, and Eligible Content** based on **Subject Area, Grade Level, or Course**.

1. The default view in **Standards** is **View Standards**: Select **Grade Level 4th Grade** and the **Subject Area Science and Technology and Engineering Education**. Click the **Search** button.
2. **Scroll through the list**, which contains every **Standard Area, Standard, Assessment Anchor, Anchor Descriptor, and Eligible Content** statement for this **Subject Area/Grade Level**.

SASIT Tip: For disciplines that do not have statewide assessments (e.g., Health, Safety and Physical Education, Career Education and Work, Family and Consumer Sciences, Arts and Humanities, World Languages, and Student Interpersonal Skills) the **Standard** is the lowest level of alignment.

3. Locate **Standard 3.1.4.A1 Classify plants and animals according to the physical characteristics that they share**.

SASIT Tip: Use the find feature in your web browser if you are looking for a specific **Standard, Anchor, or Eligible Content** statement. Instead of scrolling down to search for the one you want to select, hold down the *control* key and the letter "F" key on your keyboard for PC users. For Mac users, hold the *command* key and the letter "F" key. This will allow a search field to appear on your screen that will highlight the information entered into that screen on your page.

- You can print the **Standards** by clicking on the **Printer icon** at any level of alignment. While viewing **Standard 3.1.4.A1**, click the **Printer icon**. Close the new window/tab in the browser to return to the **Standards**.

- You can save the **Standards** as a PDF file by clicking on the **PDF icon** at any level of alignment. While viewing **Standard 3.1.4.A1**, click the **PDF icon**. Close the **new window/tab** in the browser to return to the **Standards**.
 - Click on the third tab in the **View Standards** search box, **Select a School-Wide Area of Focus**. The **English Language Proficiency Standards** are found within this tab.
 - Using the drop-down menu, select **English Language Proficiency**. Click **Search**.
 - Scroll down the list. Every **English Language Proficiency Standard** is located here ranging from Pre-K through grade 12.
4. Click the **Back button** in your browser to return to **Standards**.

Browse Standards:

SASIT Tip: In **Browse Standards** statements are arranged within **Standard Areas** from the **Standard** statements to the **Anchors** down to the **Eligible Content** (when applicable).

1. Select the **Browse Standards** tab.
2. Select **Subject Area 3: Science and Technology and Engineering Education**.
 - Select **Standard Area 3.1 Biological Sciences**
 - Select **Organizing Category 3.1.A: Organisms and Cells**
 - Select **3.1.4.A: Grade 4**
 - Select **Standard 3.1.4.A1 Classify plants and animals according to the physical characteristics that they share**.
 - Select **Assessment Anchor S4.B.1: Structure and Function of Organisms**
 - Select **Anchor Descriptor S4.B.1.1 Identify and describe similarities and differences between living things and their life processes**.
 - Locate **Eligible Content S4.B.1.1.2: Compare similar functions of external characteristics of organisms (e.g. anatomical characteristics: appendages, type of covering, body segments)**.
 - Appearance of the **Materials & Resources button** indicates that there is related content. Click on the button to show **Materials & Resources** that are aligned to that statement.
 - Select **The Everglades: Birds (Elementary)** by clicking on its title.

SASIT Tip: When training, point out to your audience that this is an interactive E-Book and can be translated from English to Spanish. There are many more E-Books available in SAS for various subject areas.

- Notice the **Add to My ePortfolio/Send to a Friend/Printer Friendly Version** buttons in the upper-right hand corner of the page. These buttons can be used to print, share or save this resource.
- Click on **Send to a Friend**. This allows a user to send a link to this resource to a friend via email.

SASIT Tip: Because all SAS **Materials & Resources** are available on the public side of the portal, your friend does not need to have a SAS account to view or use the resource.

- Click on **Add to My ePortfolio**. This allows users to save a resource to an online storage area within their SAS account called the **ePortfolio**. We will practice saving this resource together and it can be deleted, if necessary, when we return to the **ePortfolio** at another point in training.
 - The **Title** and **URL** of the resource will already be populated. You may choose to add an optional **Description** of the resource.
 - Click the **Save button**.
 - Use the **Back button** in the browser once to return to the search results, and then once more to return to the **Standards**.
3. Click on **Reset Browse Standards** to clear your selections.

Vertical Viewer:

SASIT Tip: The **Vertical Viewer** can be used to examine the **Pennsylvania Academic Standards** as the complexity and sophistication of the statements increase throughout the grades.

1. Click the **Vertical Viewer** tab.
2. Select **Subject Area 3: Science and Technology and Engineering Education**
 - Select **Standard Area 3.1 Biological Sciences**
 - Select **Organizing Category 3.1.A Organisms and Cells**.
 - A matrix spanning **Grades 3-8** will appear, allowing you to view the progression of **Standards** across grade levels. Point out **Standard 3.1.4.A1 Classify plants and animals...** (in the first row under the 4th Grade column). You can see what is expected at each grade level.

- Clicking on any **Standard** (use **3.1.4.A1** as the example) in the **Vertical Viewer** will take you to the **Browse View** of the **Standards**, where you are able to drill down to related **Assessment Anchors** and **Eligible Content** statements.
- Click the **Back button** in the browser to return to the **Vertical Viewer**.
- Click **See Grades 8-12** to view the **Standards** across **Grades 8-12** and all appropriate **Courses** at the secondary level.

SASIT Tip: You may also elect to **Print** the matrix or **Save** it as a **PDF** file by using the icons in the upper-right hand corner of the table. Click the **Back button** in the browser to return to the **Vertical Viewer**.

3. Click on **Reset Vertical Viewer** to clear your selections.

Keyword Search:

SASIT Tip: In **Keyword Search**, use a keyword to restrict a search to specific **Subject Areas**, **Grade Levels**, **Courses**, and levels of alignment.

1. **Keyword Search:** Click the **Keyword Search** tab.
2. Type in the **Keyword appendages**.
 - Select the **Grade Level 4th Grade**.
 - Select the **Subject Area Science and Technology and Engineering Education**.
 - Limit the search by placing a **checkmark** next to **Eligible Content**, and then click **Search**.
 - A list is generated showing where that word or phrase appears in the **Pennsylvania Academic Standards** within **Eligible Content** statements for the selected **Subject Area/Grade Level**.
 - Clicking on any **Eligible Content** (use **S4.B.1.1.2** as the example) will take you back to the **Browse Standards** view of the **Standards**. Click the **Back button** in your browser to return to the search results.

Download PDFs:

SASIT Tip: In **Download PDFs**, users are able to access the PDF versions of all **Academic Standard** documents and the **Assessment Anchor** documents.

1. Click the **Download PDFs** tab and click **Download Standards**.
 - Open the ***Academic Standards for Science and Technology and Engineering Education (Elementary)***.
 - You may be prompted to either **Open** the file, or **Save** the file to a location on your hard drive, file server, or other storage device.
 - **Open the PDF**, and scroll to the top of page 9 of the document, pointing out **Standard 3.1.4.A1** (in the **3.1.4.A Grade 4** column).
 - Close **Adobe Reader**.

2. Return to the SAS Portal and click the **Download PDFs** tab. Select **Download PSSA Anchors** from the drop-down.
 - Locate **Science** and click on **Grade 4 Science Assessment Anchors**.
 - You may be prompted to either **Open** the file, or **Save** the file to a location on your hard drive, file server, or other storage device.
 - Open the PDF, and scroll to page 4 of the document, pointing out **Eligible Content** statement **S4.B.1.1.2**.
 - Close **Adobe Reader**.
 - Return to the SAS Portal and click the **Download PDFs** tab.

3. Select **Download Keystone Anchors** from the drop-down.
 - PDFs containing the **Assessment Anchors** and **Eligible Content** statements relevant to the **Keystone Exams** can be downloaded from this page.

Unpacking the Anchors:

SASIT Tip: Unpacking the Anchors provides users with the ability to review the skills and content associated with each of the anchors for **Mathematics, Reading, Writing, Speaking, and Listening**, and **Science**.

1. **Unpacking the Anchors:** Click the **Unpacking the Anchors** tab.
 - The **Unpacking the Anchors** tab will allow you to select a **Subject Area**, **Grade**, and **Anchor** in order to view the content and the skills associated with that **Anchor Descriptor**.
 - Select the **Subject Area *Science and Technology and Engineering Education***.
 - Select the **Grade Level *4th Grade***.
 - Click **Search**. A list of **Assessment Anchors** will be returned.
 - Click on **Assessment Anchor *S4.B.1 Structure and Function of Organisms***.
 - Click on **Anchor Descriptor *S4.B.1.1 Identify and describe similarities and differences between living things and their life processes***.
 - A list of **Skills** and **Content** related to the **Anchor Descriptor** will appear. Notice the **Skills** related to the **Content** of *appendages*.

2. Click the **Unpacking the Anchors** tab.
 - In the **Keyword Search** field, type in *appendages* and then click **Search**.
 - Click on **Assessment Anchor *S4.B.1 Structure and Functions of Organisms***
 - Click on **Assessment Descriptor *S4.B.1.1 Identify and describe similarities and differences between living things and their life processes***.
 - A list of **Skills** and **Content** related to the **Anchor Descriptor** will appear. Notice the **Skills** related to the **Content** of *appendages*.
 - Click on **Anchor Descriptor *S4.B.1.1*** once again to collapse the information.

Common Core:

SASIT Tip: This section provides information regarding the adoption and implementation of **Common Core Standards** in Pennsylvania.

1. **Common Core:** Click on the **Common Core** tab in Standards.

- This page includes links to draft copies of the **PA Common Core Standards** and **Assessment Anchors/Eligible Content**, as well as resource documents regarding the implementation and adoption of **Common Core**. Use the sub-topic folders to the left of the page to locate the various resources related to the **PA Common Core**.

SASIT Tip: When you train participants, please advise them that there are multiple ways to get to the same location in **Standards**. Users will gravitate towards the way that is most comfortable for them. However, please reinforce that wherever the **Materials & Resources** and/or **Assessment button** is visible next to a **Standard** or **Eligible Content** statement, there are additional content items available for teaching that skill.