

CPALMS and CPALMS
Charter
Hands-On:
Use of Tools and Resources to
Support Standards-Driven
Teaching and Learning

Workshop Goals

Become familiar with overall purpose and key features of CPALMS

Understand how CPALMS supports the implementation of the Florida Standards

Navigate CPALMS and explore resources and tools to support standards-driven instruction

Dissemination of Resources

On state requirement pages:
standards and course
descriptions

Via e-mail, web-widgets, RSS, and
website notifications:
Customized based on
teacher's interests and
courses they teach

Within iCPALMS tools
Just-in-Time based on when
& what they are working on

On average, a resource is
downloaded 1,000 times
within the first three month
of it's release

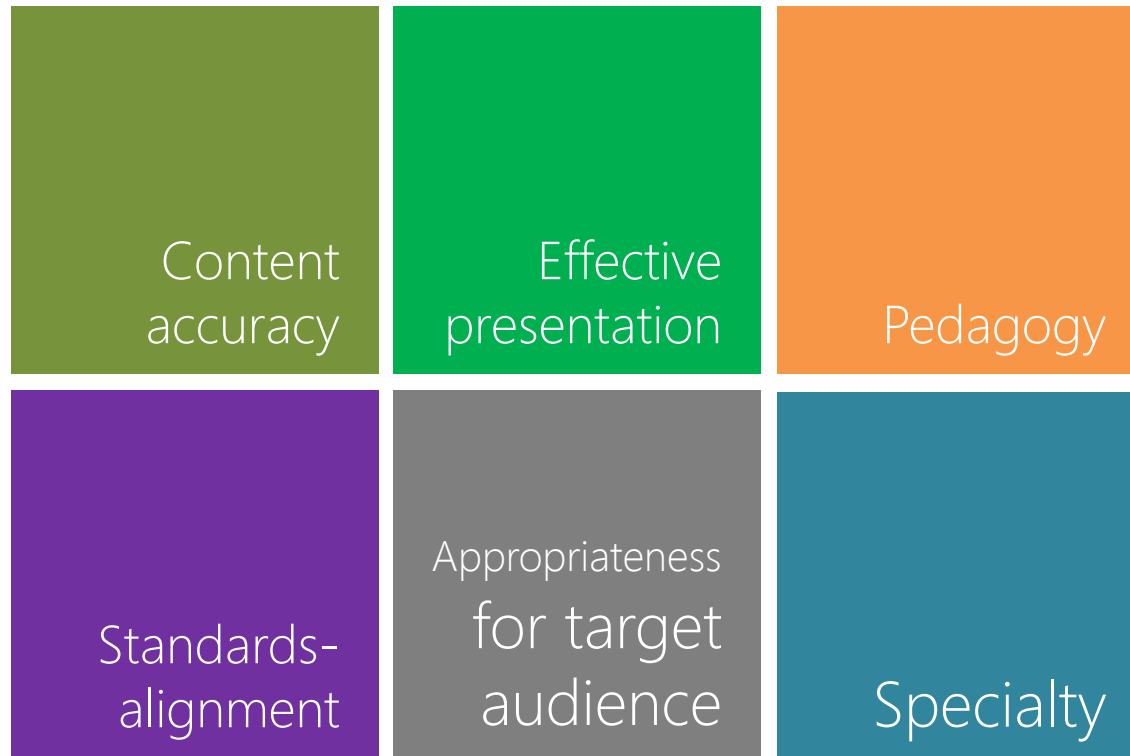
Recognizes the busy teacher
schedule

Provide resource to students and
parents just-in-time based on
teacher's schedule

Resource Review Process

A review process designed for providing professional development for submitters and dedicated for creating high-quality resources for use by our educators.

Review Areas



Expert teachers

+

Subject area experts

An average of
5 reviews
per resource

5,400+
Math

3,200+
English
Language
Arts

3,600+
Science

- 11,300+ available resources
- 85% original
- Each vetted by educators and subject area experts
- Standards-aligned
- Created by educators
- Resources for teachers, parents, and students
- Complete custom authoring and review system
- FREE

4,900+
Grades K-5

3,400+
Grades 6-8

3,000+
Grades
9-12

Variety of Resource Types

Lesson Plans
and Units

Math
Formative
Assessments

Standards aligned and vetted

MEA STEM
Lessons &
Activities

Text
Complexity

Problem-
solving
Tasks

Data Sets

Lesson Study
Resource Kits

Virtual
Manipulatives

Perspectives
Video Series

Educational
Games

Student
Resources

Professional
Development
Modules


Live Site Demonstration



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COURSE
Descriptions & Directory

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Florida Standards Assessments



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Florida Standards Assessments

Educator Toolkits

A toolkit of information, resources, and tools organized by grade level.

Grade
K
Educator
Toolkit

Grade
1
Educator
Toolkit

Grade
2
Educator
Toolkit

Grade
3
Educator
Toolkit

Grade
4
Educator
Toolkit

Grade
5
Educator
Toolkit

Grade
6
Educator
Toolkit

Grade
7
Educator
Toolkit

Grade
8
Educator
Toolkit

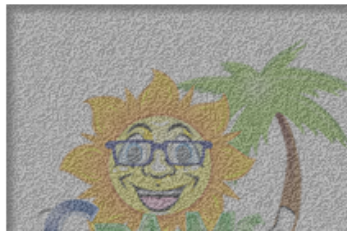

Grades
9-12
Educator
Toolkit

 FloridaStudents.org
A new CPALMS website with learning resources for students

New to CPALMS?

CPALMS is an online toolbox of information, vetted resources, and interactive tools that helps educators effectively implement teaching standards. It is the State of Florida's official source for standards information and course descriptions.



 What does CPALMS offer? 

Related Tips/Tutorials

Browse and Search Standards

You can apply different filters and search terms to browse the Standards



Subject ▾

Grade ▾

Export To ▾

Reset Search

- Show Subject
- Show Grade
- Show Domain/Strand
- Show Topic/Cluster

Grid View

List View

Show Color

Show Remarks

7783 items

Dance ▾

English Language Arts ▾

English Language Development ▾

Gifted ▾

Health Education ▾

Course Descriptions

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Course Descriptions | Graduation Requirements | Career and Technical Programs 14-15

Related Tips/Tutorials

Browse and Search Courses

You can apply different filters and search terms to browse the Courses

Enter Search Phrase.. Section ▾ **Export To ▾**

Show Section Show Color Show Remarks

Grid View List View

4736 items

- Grades PreK to 12 Education Courses ▾
- Administrative, Curricular and Service Assignments ▾
- Exceptional Student Education ▾
- Career and Technical Education (under development) ▾
- Adult General Education ▾

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Browse/Search | MFAS-Formative Assessments | Perspectives STEM Videos | MEAs - STEM Lessons | Lesson Study Resources
Resource Development Programs | Review Process | Text Complexity Resources | Beyond Standards Math K-5 Videos

Related Tips/Tutorials

Browse and Search Resources

You can apply different filters and search terms to browse the Resources

Enter Search Phrase.. [Q] | Subject v | Grade v | Audience v | Type v | Reset Search

Show Subject | Show Grade | Show Audience | Show Type | Show Color | Show Remarks

Grid View | List View

9728 items

- Dance v
- English Language Arts v
- Gifted v
- Health Education v

Sample original lesson plans

Grade	Math	Science	ELA
K-2	How Many? 46496	Day and Night Sky 29487	Text Detectives Investigate Meat Eating Plants 39614
3-5	What Are They Thinking? Understanding Division 40001	Experiment or Investigation 26705	Which Do You Prefer? Understanding an Author's use of Text Features in a Non-Fiction Text 50736
6-8	Alas, Poor Pythagoras, I Knew You Well! 35738	Back to the Past with the Geologic Time Scale 43470	User Beware: Foreshadowing and Morals in "The Monkey's Paw" 29082
9-12	Crafty Circumference Challenge 47042	Conductors vs. Insulators: An Inquiry Lab 45852	Show Me a Hero, and I Will Write You a Tragedy- Part 1 43290

Sample Resources by CTE Areas

	<u>Perspectives</u>	<u>Text Complexity</u>	<u>MEAs</u>
Agriculture	<u>A viticulture scientist explains grape expectations for medicine and society.</u>	Why are Bees Vanishing? (<u>64382</u>)	Zoo Animal Diets (<u>66222</u>)
Engineering	<u>Get in gear with robotics as this engineer explains how the quadratic formula is used in navigation.</u>	The Quest for a Clean Drink (<u>66607</u>)	3-D Printers: Cost Effective for the Quantity? (<u>68168</u>)
Culinary	<u>Where have you bean? Didn't you know that chocolate is a delicious topic for discussing phase change?</u>	Infected Cutting Boards (<u>65318</u>)	HOORAH!! Pizza for Lunch! (<u>70332</u>)
Health Science	<u>Advances in 'big data' are leading to rapid changes in personalized medicine. Learn more!</u>	Deploying the Body's Army (<u>70383</u>)	Diabetic Dilemma (<u>48626</u>)

After reading a selected resource:

List **3 things** that you **like** about this resource.

- 1.
- 2.
- 3.

Share **2 connections** to something **similar** you've done with your students.

- 1.
- 2.

List **1 way** you might **modify** the resource for your classroom/students.

- 1.

Professional Development Programs



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Beyond Standards Math K-5 Videos

Related Tips/Tutorials

Browse and Search PD Courses

You can apply different filters and search terms to browse the PD Courses

Enter Search Phrase..



Subject ▾

Grade ▾

Topic ▾

Export To ▾

Reset Search

PD Courses PD Courses Tutorials Tutorials



Grid View



List View

Show Color

Show Remarks

132 items

[Access Points for Health Education](#)

Provides information about the Next Generation Sunshine State Standards and Access

More Information

[Access Points for Physical Education: What ESE Teachers Need to Know](#)

Provides information for exceptional student education teachers about the Next

.....

[Access Points for Physical Education: What PE Teachers Need to Know](#)

Provides information for physical education teachers about the Next Generation

.....

[Accessing the General Education Curriculum-Foundations](#)

This program is intended for general audiences to introduce the conceptual

.....

Few of the Tools on iCPALMS Currently only available to FL educators

CMAP
Curriculum
Planner

More than 700,000 curriculum plans have
been created using the CMAP

Lesson Study
Support
System

Standards
Visualizer

120,000 Florida educators
have an account

My Resources
Center

Professional
Development
System

Several
others

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CPALMS Free Training Programs

My Visualizer

Tutorial

Settings

View Full Screen

CPALMS Visualizer *beta - Standards edition*

Standards

Sort: Subject Area

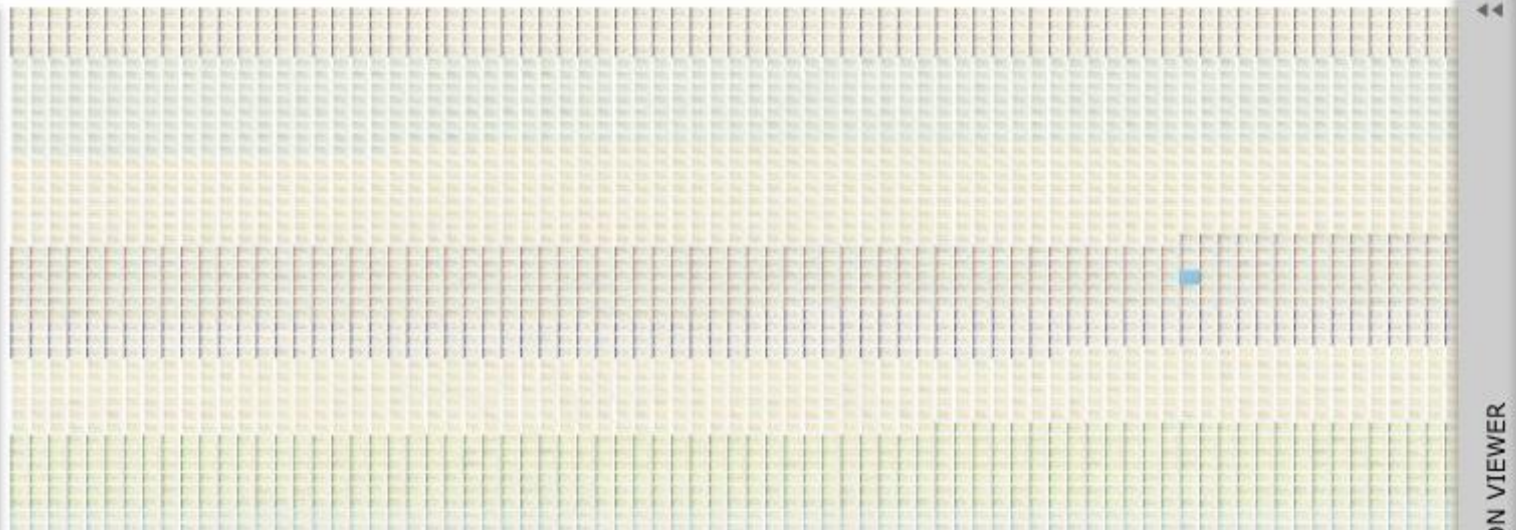


Search...

Subject Area

Sort: Alphabetic

- Dance 315
- English Language Arts 574
- English Language Develc 6
- Gifted 284
- Health Education 305
- Mathematics 451
- Music 254
- Physical Education 467



ON VIEWER

Live CMAP Demonstration

First period biology 1 **2000310 - Biology 1**
2015 - and Beyond (Current)

Jump to Session Settings Document Viewer Share Import/Export Save

Grading Periods **Grading Period 2** Sessions 46-90 Last Saved: 10/23/2015 3:33:06 PM EST

Sessions **51** Oct 23 **52** Nov 02 **53** Nov 03 **54** Nov 04 **55** Nov 05

Chapter 3
+ ✎ ✕ 👁

6 Chapter 3 Cell: Structure and Function Order of instruction:

Topics
+ ✎ ✕ 👁

6 Life Science

Essential Question #1
+ ✎ ✕ 👁

1 Essential Quest **2 Essential Question 3/2** 1. Differentiate be **3 Essential Questions 3/3** 1. Describe the structure of

Standards
+ ✎ ✕ 👁

1 SC.912.L.14.1 **2 SC.912.L.14.3** Compare and contrast the ge **3 SC.912.L.14.2** Relate structure to function for the com

6 SC.912.N.1.4 Identify sources of information and assess their reliability according to the strict standards of scientific investigation.

Essential Vocabulary
+ ✎ ✕ 👁

1 Section 1 Voca **2 Section 2 Vocabulary** Eukaryotic Cell **3 Section 3 Vocabulary** Selectively Permeable

Resources
+ ✎ ✕ 👁

1 Tracing the Dev **1 A Tour of the C** **1 Instructions for** **2 Who's your cell mate?** During the lesson s **1**

1 Parts of the Ce **1 Transport Acro**

3 Instructions for using Cell Anatomy Provide to all

3 Cell Anatomy This tutorial will help the learners to lea

Document Viewer Print Export

Group by Session **Group by Topic**

Sessions 1-180 **Narrow Selection**

Session 51
Friday, October 23, 2015

Chapter 3 Cell: Structure and Function
Order of instruction:
1. Cell Theory
2. Cell Organelles
3. Cell Membrane
4. Diffusion and Osmosis
5. Active Transport

Life Science

Essential Question 3/1
Describe the events that lead to the discovery of the Cell Theory.

SC.912.L.14.1
Describe the scientific theory of cells (cell theory) and relate the history of its discovery to the process of science.

SC.912.N.1.4
Identify sources of information and assess their reliability according to the strict standards of scientific investigation.

Section 1 Vocabulary
Cell theory

Tracing the Development of the Cell Theory
This lesson will help the students to understand the cell, the cell

+ Zoom - Zoom

🕒 🔍 🚩 🗑️ 🔒 💬 🎨 🌐 GB 👤 +

Let's get started!

Choose a subject area and then a course.



English Language Arts

254 Resources



Mathematics

1431 Resources



Science

577 Resources



Civics

134 Resources

Next Steps

- Locate and export your course descriptions
 - Explore the resources on CPALMS
 - Get ready for a Great Year!

Connect with CPALMS via Social Media



www.facebook.com/icpalms



[@tweetcpalms](https://twitter.com/tweetcpalms)



pinterest.com/icpalms



Standard/Benchmark lookup by SMS!

Text a standard number (e.g., SC.8.N.1.2) to 850-846-6868 and CPALMS will text you back with the description.