

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

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

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

Recognizes the busy teacher  
schedule

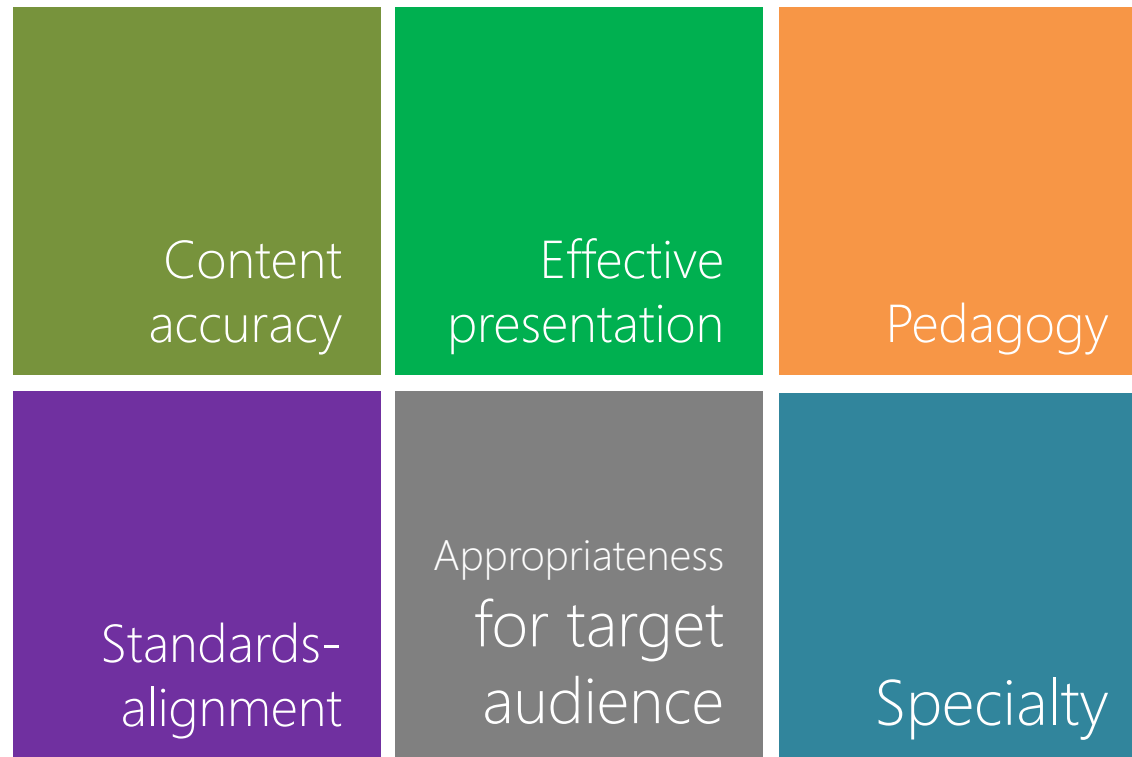
Within iCPALMS tools  
Just-in-Time based on when  
& what they are working on

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

5,700+  
Math

3,600+  
English  
Language  
Arts

4,400+  
Science

- 12,400+ 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

4,600+  
Grades K-5

3,800+  
Grades 6-8

4,300+  
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



Where Educators Go For Bright Ideas

Not a member yet?  
SIGN UP

SIGN IN

HELP

HOME of CPALMS

STANDARDS  
Info. & Resources

COURSE  
Descriptions & Directory

RESOURCES  
Vetted by Peers & Experts

PD PROGRAMS  
Self-paced Training

ABOUT CPALMS  
Initiatives & Partnerships

ICPALMS  
Florida's Platform

Homepage

Login To My Account

Social Media

CPALMS Spotlight March 2015

Visit FLDOE

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		

gradeLevelGroup/Toolkit?id=14

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?







Where Educators Go For Bright Ideas

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Florida's Platform

Standards

Access Points

Print/Export Standards

Computer Science Standards

Coding Scheme

Content Complexity Rating

Math Modeling Standards

Assessments

Related Tips/Tutorials

## Browse and Search Standards

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

Enter Search Phrase...



Subject ▾

Grade ▾

Export To ▾

Reset Search

☒ Show Subject

☒ Show Grade

☒ Show Domain/Strand

☒ Show Topic/Cluster

☒ Grid View

☐ List View

☒ Show Color

☐ Show Remarks


8882 items




Dance ▾

English Language Arts ▾

English Language Development

# Course Descriptions

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Course Descriptions Graduation Requirements Course Reports

Related Tips/Tutorials



## Browse and Search Courses

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

 Section ▾ 

**Export To ▾**

Reset Search

 Grid View  List View

☒ Show Color ☐ Show Remarks

1991 items

Grades PreK to 12 Education Courses ▾

Administrative, Curricular and Service Assignments ▾

Exceptional Student Education ▾

**CPALMS** Where Educators Go For Bright Ideas

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Browse/Search MFAS-Formative Assessments Original Student Tutorials Perspectives STEM Videos MEAs - STEM Lessons  
Text Complexity Resources Lesson Study Resources Assessments Student Support Resources Beyond Standards Math K-5 Videos  
Our Review Process

Related Tips/Tutorials

## Browse and Search Resources

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

Enter Search Phrase... Subject Grade Audience Type Submit Reset Search

☒ Show Subject ☒ Show Grade ☒ Show Audience ☒ Show Type ☒ Show Color ☐ Show Remarks

Grid View List View

12305 items

Dance English Language Arts

# Sample original lesson plans

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

# Sample Resources by CTE Areas

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

# 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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Professional Development Programs 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.. Q Subject Grade Topic Export To Reset Search

☒ PD Courses ☒ PD Courses ☒ Tutorials ☒ Tutorials ☒ Show Color ☐ Show Remarks

Grid View List View

63 items

[A Sea Change](#)

This tutorial is designed to help secondary science teachers learn how to

.....

[More Information](#)

[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

.....

[More Information](#)

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

Provides information for physical education teachers about the Next Generation

.....

[More Information](#)



# 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

Almost every Florida  
educator  
has an account

My Resources  
Center

Professional  
Development  
System

Several  
others



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ICPALMS Tools

CPALMS Free Training Programs

# My Visualizer

Tutorial

Settings

View Full Screen

## CPALMS Visualizer *beta - Standards edition*

Standards

Sort: Subject Area ▾



# 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
<b>Chapter 3</b>	6 Chapter 3 Cell: Structure and Function Order of instruction:				
<b>Topics</b>	6 Life Science				
<b>Essential Question #1</b>	1 Essential Quest	2 Essential Question 3/2 1. Differentiate be	3 Essential Questions 3/3 1. Describe the structure		
<b>Standards</b>	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 co		
	6 SC.912.N.1.4 Identify sources of information and assess their reliability according to the strict standards of scientific investigation.				
<b>Essential Vocabulary</b>	1 Section 1 Voca	2 Section 2 Vocabulary Eukaryotic Cell	3 Section 3 Vocabulary Selectively Permeable		
<b>Resources</b>	1 Tracing the Dev	1 A Tour of the C	1 Instructions for	2 Who's your cell mate? During the lesson s	
		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		

+ Zoom - Zoom

**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

INFORMATION VIEWER

GB ⓘ

<http://www.floridastudents.org/#>

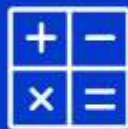
# Let's get started!

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](http://www.facebook.com/icpalms)



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



[pinterest.com/icpalms](http://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.