

New Horizons in Project Share: *An Introductory Guide to the Project Share Gateway*

The Texas Education Agency
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project
Share
Knowledge knows no boundaries

Welcome to the Project Share gateway. This gateway is designed to provide faster, easier access to online resources for educators, students, parents, and community members. Anyone visiting the home page will now be able to search for resources by student expectations (SEs) as listed in the Texas Essential Knowledge and Skills (TEKS). Search results will provide instant access to videos, interactives, links to other educational sites, online courses, and other instructional resources. The new Project Share gateway will first offer Algebra I resources.

The screenshot shows the Project Share gateway homepage. At the top left is the Project Share logo with the tagline "Knowledge knows no boundaries". To the right is a "Join your learning community" section with a login form for username and password, and a link for forgotten credentials. Below the logo is a navigation menu with links for STANDARDS SEARCH, RESOURCE INDEX, NEWS, ABOUT US, and CONTACT US. The main content area features a "Find Resources" section with a search interface for standards, including dropdown menus for subject and grade/course, and buttons for "FIND STANDARDS" and "KEYWORD SEARCH". To the right of this is a "FEATURED RESOURCE 1 OF 4" section displaying a video thumbnail of a woman pointing at a screen, with the resource title "Connecting Multiple..." and ID "OT144", and a "VIEW RESOURCE" button. Below the main content is a green banner with a tweet: "Great opportunity for English teachers: review the OnTRACK English III Sample Course t.co/xx65KbSh... 1 day 5 hours ago". Further down is a section with a yellow and green arrow icon and the text: "Project Share takes Texas educators and students beyond the walls of the traditional classroom and gives them an online environment of educational resources that incorporates the use of today's digital tools. Take a look at our new features." At the bottom, there is a "NEWS" section with tabs for NEWS, EDUCATORS, STUDENTS, and MISSION. The "EDUCATORS" tab is active, showing text about professional learning communities and a "DOWNLOAD NOW" button for a user guide. The user guide cover is also visible on the right.

project share™
Knowledge knows no boundaries

STANDARDS SEARCH | RESOURCE INDEX | NEWS | ABOUT US | CONTACT US

Join your learning community

USERNAME | PASSWORD

Forgot your username or password? Re-activate account?

Find Resources

Find Resources by searching within Standards below.

Standards Search

- Select subject -
- Select grade/course -

FIND STANDARDS | KEYWORD SEARCH

FEATURED RESOURCE 1 OF 4

RESOURCE TITLE: Connecting Multiple...
ID: OT144
VIEW RESOURCE

Great opportunity for English teachers: review the OnTRACK English III Sample Course t.co/xx65KbSh... 1 day 5 hours ago

Project Share takes Texas educators and students beyond the walls of the traditional classroom and gives them an online environment of educational resources that incorporates the use of today's digital tools. Take a look at our new features.

NEWS | EDUCATORS | STUDENTS | MISSION

Project Share gives Texas educators opportunities to join professional learning communities (PLCs), participate in professional development courses, explore content repositories, and use online instructional materials. Project Share enables educators to join an online community that provides support, collaboration, and resources from across the state.

To learn more about professional development opportunities for the 2012-2013 school year, contact your local education service center.

If you do not have a Project Share account, contact your local education service center or your district technology coordinator.

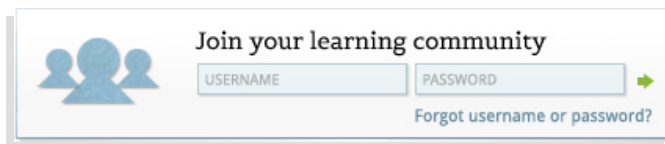
Get started! Download our User Guide

Getting Started in Project Share: A Guide for Texas Educators

DOWNLOAD NOW

Getting Started in Project Share: A Guide for Texas Educators

Let's take a look at the new features. The gateway hosts a wide array of new features, including a featured resource slider, standards search, keyword search, twitter feed, news page, and resource viewer. This guide will take you through each feature and search function.



Join your learning community

USERNAME PASSWORD [Forgot username or password?](#)

In the upper right hand corner of the home page, you can log in to your Epsilon portal by entering your Project Share username and password. However, you don't have to log in to access all of the resources available in the gateway.

Find the resources you need by searching within standards or performing a keyword search. You can filter your search by selecting a subject and a grade level or course. This important function will be explained later in this guide.



Find Resources
Find Resources by searching within Standards below.

Standards Search

- Select subject -

- Select grade/course -

[FIND STANDARDS](#) [KEYWORD SEARCH](#)



FEATURED RESOURCE 1 OF 4

[←](#)  [→](#)

 RESOURCE TITLE: **Connecting Multiple...**
ID: OT144

[VIEW RESOURCE](#)

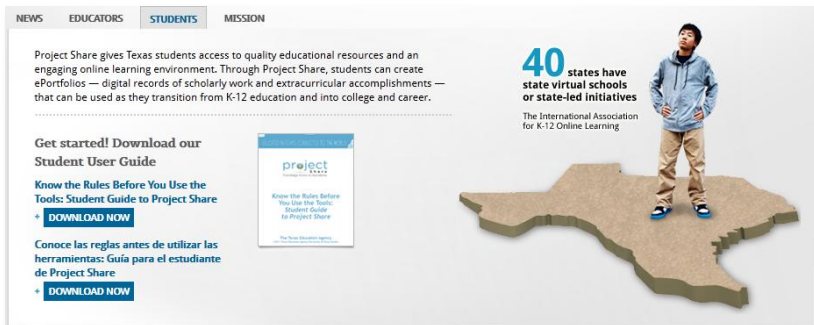
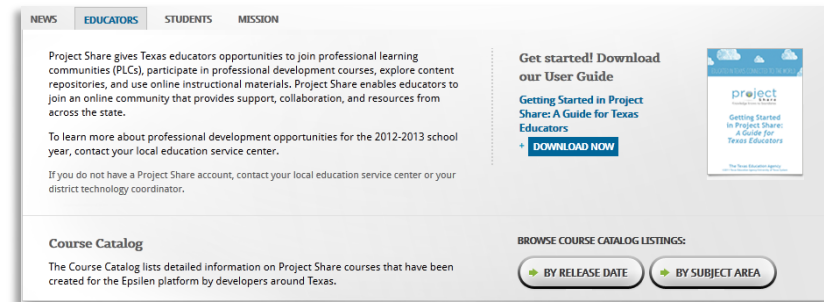
View Project Share featured resources in this resource slider. Use the arrows to slide to the next resource or a previously viewed resource.

See the latest tweet from @projectsharetx. Move your mouse over the tweet for the option to reply, retweet, or favorite. You will also be given the opportunity to follow @projectsharetx and view the complete twitter feed.



Use the Project Share news tab to stay informed. You'll be able to see announcements on new courses, professional development opportunities, and other pertinent updates. Click on the button below to see more news items.

Take a look at the educators tab for Project Share information specific to educators. Find out how you can receive a Project Share account, get started in Project Share, and browse the course catalog listings.

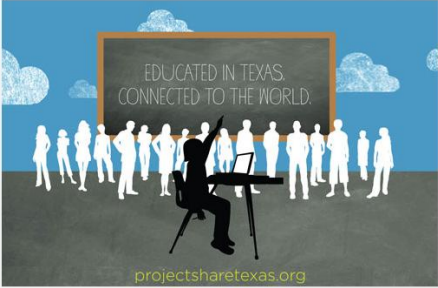


In the students tab, discover how students are using Project Share to create ePortfolios. You can also download the Student User Guide in English or Spanish.

NEWS EDUCATORS STUDENTS **MISSION**

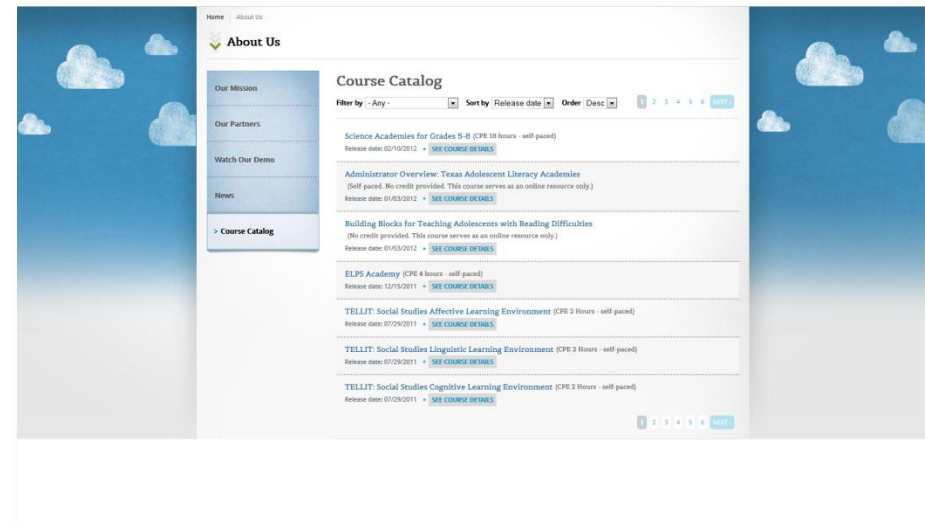
The mission of Project Share is to provide an interactive and engaging learning environment that offers opportunities for:

- Communicating and disseminating information from state, region, and district levels.
- Creating or joining common interest networks to increase teacher-to-teacher collaboration, conversations with experts, and communication with students in a secure online environment.
- Accessing state-adopted and approved materials, including electronic textbooks and other materials developed through TEA partnerships.
- Accessing educational resources through The New York Times Knowledge Network, McDonald Observatory StarDate, PBS Digital Learning Library, Texas PBS, and many others.
- Accessing Texas Education on iTunes U to explore the history and cultures of Texas, view educational tutorials, and download resources for personalized learning.
- Collaborating on the development, dissemination, and evaluation of online professional development sessions and courses.
- Highlighting individual accomplishments through the development of ePortfolios.
- Developing and sharing ideas and resources.



Read about Project Share's mission and primary objectives in the mission tab.

Go through the course catalog listings to find the courses that are right for you or your students. You can filter by subject and sort by release date to get exactly what you are looking for.



Let's perform a Standards Search. The standards search function will allow you to search for resources by student expectations (SEs) as listed in the Texas Essential Knowledge and Skills (TEKS). This guide will take you through the simple steps.

Step 1: Select a subject in from the drop down menu.

Find Resources
Find Resources by searching within Standards below.

Standards Search

- Select subject -
- Select subject -
Mathematics

FIND STANDARDS

FEATURED RESOURCE 1 OF 4

RESOURCE TITLE:
Connecting Multiple...
ID: OT144
VIEW RESOURCE

Great opportunity for English teachers: review the OnTRACK English III Sample Course t.co/xx65KbSh... 14 hours 49 min ago

Project Share takes Texas educators and students beyond the walls of the traditional classroom and gives them an online environment of educational resources that incorporates the use of today's digital tools. [Take a look at our new features.](#)

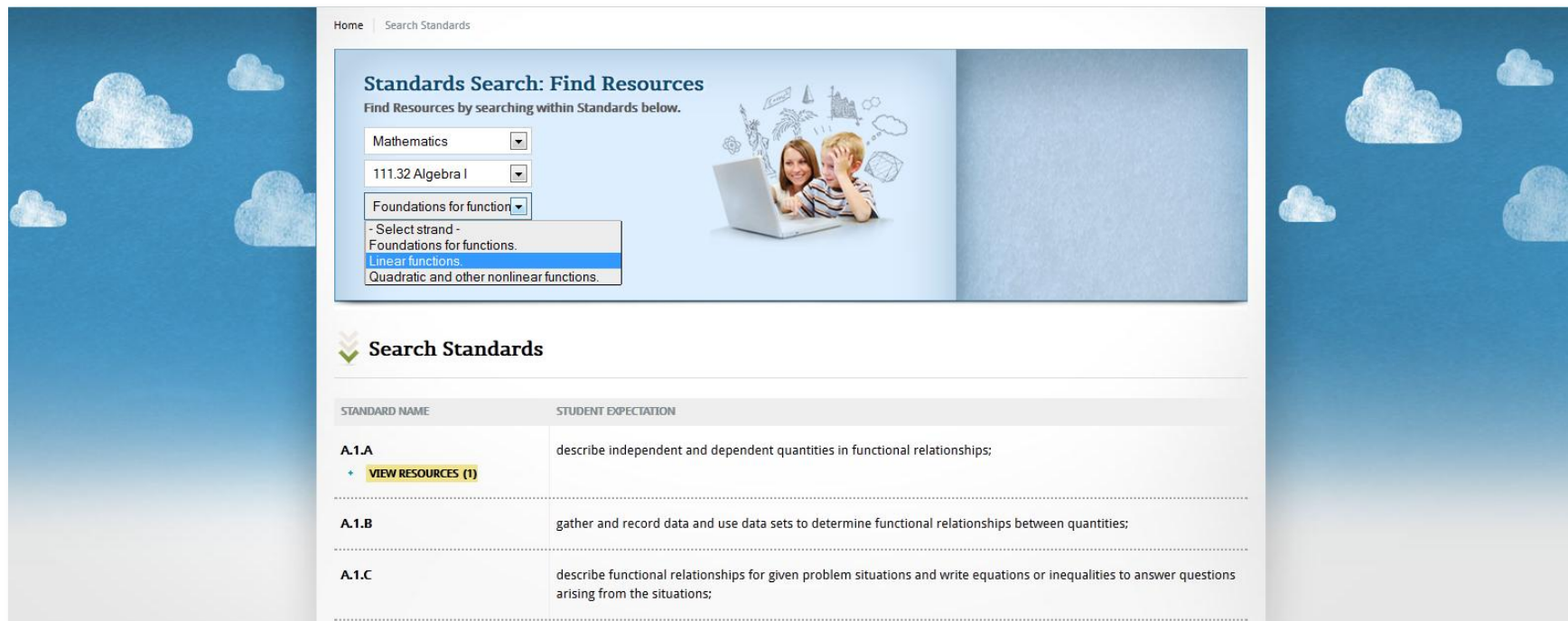
Step 2: Select a grade or course from the drop down menu.

The screenshot shows the 'Find Resources' section of a website. The 'Standards Search' dropdown menu is open, displaying a list of standards. The option '111.32 Algebra I' is highlighted in blue. Below the dropdown, there is a 'FIND STANDARDS' button with a right-pointing arrow. To the right, a featured resource card is visible, showing a video thumbnail and the title 'Connecting Multiple...'. Below the featured resource, a tweet is displayed with a green highlight bar.

Step 3: Click the Find Standards button.

This screenshot shows the same 'Find Resources' interface as the previous one, but with the 'FIND STANDARDS' button highlighted by a black arrow. The dropdown menu is now closed, and the selected standard '111.32 Algebra I' is visible in the search field. The featured resource card and the tweet below it remain the same.

Step 4: You will be sent to search results for your chosen subject and grade/course. Continue to filter these results by choosing a strand from the drop down menu.



Home | Search Standards

Standards Search: Find Resources

Find Resources by searching within Standards below.

Mathematics

111.32 Algebra I

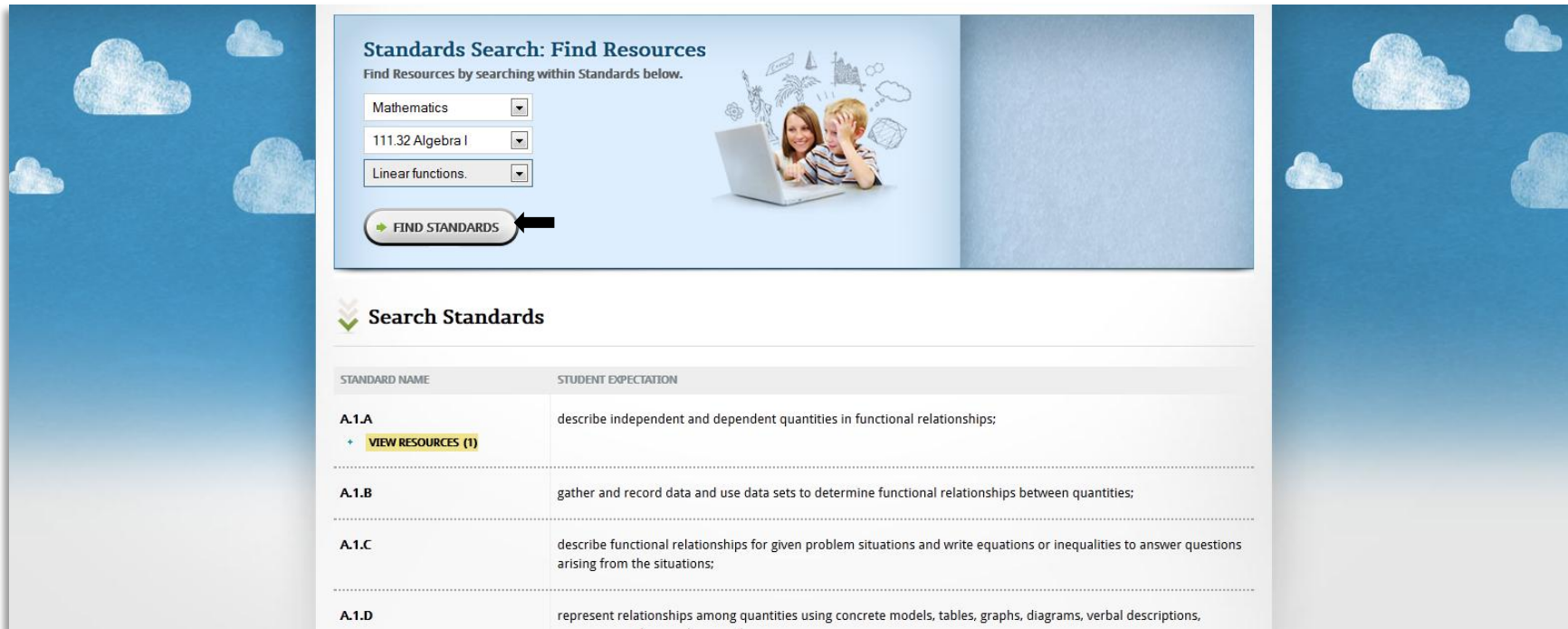
Foundations for function

- Select strand -
Foundations for functions.
Linear functions.
Quadratic and other nonlinear functions.

Search Standards

STANDARD NAME	STUDENT EXPECTATION
A.1.A + VIEW RESOURCES (1)	describe independent and dependent quantities in functional relationships;
A.1.B	gather and record data and use data sets to determine functional relationships between quantities;
A.1.C	describe functional relationships for given problem situations and write equations or inequalities to answer questions arising from the situations;

Step 5: Click the Find Standards button again to refresh the search results.



Standards Search: Find Resources
Find Resources by searching within Standards below.

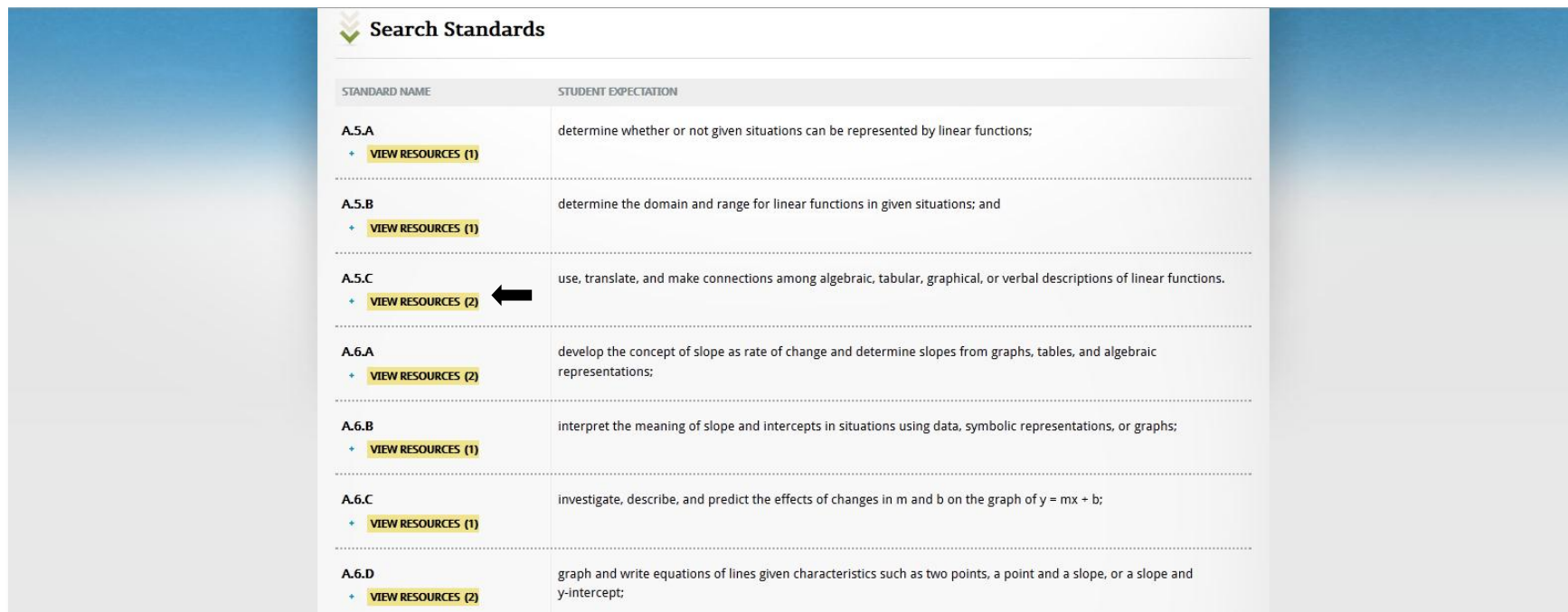
Mathematics
111.32 Algebra I
Linear functions.

FIND STANDARDS

Search Standards

STANDARD NAME	STUDENT EXPECTATION
A.1.A VIEW RESOURCES (1)	describe independent and dependent quantities in functional relationships;
A.1.B	gather and record data and use data sets to determine functional relationships between quantities;
A.1.C	describe functional relationships for given problem situations and write equations or inequalities to answer questions arising from the situations;
A.1.D	represent relationships among quantities using concrete models, tables, graphs, diagrams, verbal descriptions,

Step 6: Scroll through the search results to find the standard you are looking for. Click the View Resources tab below the standard number.



Search Standards



STANDARD NAME	STUDENT EXPECTATION
A.5.A + VIEW RESOURCES (1)	determine whether or not given situations can be represented by linear functions;
A.5.B + VIEW RESOURCES (1)	determine the domain and range for linear functions in given situations; and
A.5.C + VIEW RESOURCES (2)	use, translate, and make connections among algebraic, tabular, graphical, or verbal descriptions of linear functions.
A.6.A + VIEW RESOURCES (2)	develop the concept of slope as rate of change and determine slopes from graphs, tables, and algebraic representations;
A.6.B + VIEW RESOURCES (1)	interpret the meaning of slope and intercepts in situations using data, symbolic representations, or graphs;
A.6.C + VIEW RESOURCES (1)	investigate, describe, and predict the effects of changes in m and b on the graph of $y = mx + b$;
A.6.D + VIEW RESOURCES (2)	graph and write equations of lines given characteristics such as two points, a point and a slope, or a slope and y -intercept;

Step 7: Read the description of the resources. When you find a resource you want to use, click the View Resource tab to the right.

A.5.A
+ [VIEW RESOURCES \(1\)](#)
determine whether or not given situations can be represented by linear functions;

A.5.B
+ [VIEW RESOURCES \(1\)](#)
determine the domain and range for linear functions in given situations; and

A.5.C
- [HIDE RESOURCES \(2\)](#)
use, translate, and make connections among algebraic, tabular, graphical, or verbal descriptions of linear functions.


RESOURCE ID	AUTHOR	SUBJECT	GRADE	TITLE	
OT144	TEA	MATHEMATICS	8-10	 Connecting Multiple Representations of Linear Functions Given algebraic, tabular, graphical, or verbal representations of linear functions the student will use, translate, and make connections among the representations.	+ VIEW RESOURCE
OT1443	TEA	MATHEMATICS	8-10	 Connecting Multiple Representations of Linear Functions - Examples Given algebraic, tabular, graphical, or verbal representations of linear functions the student will use, translate, and make connections among the representations.	+ VIEW RESOURCE

A.6.A
+ [VIEW RESOURCES \(2\)](#)
develop the concept of slope as rate of change and determine slopes from graphs, tables, and algebraic representations;

Step 8: View the content in the resource viewer. In this example, the user is given a video on Connecting Multiple Representations of Linear Functions to watch.

The screenshot shows a web interface for an educational resource. At the top, there is a navigation bar with 'Home' and 'View Resource: Connecting Multiple Representations of Linear Functions'. Below this is the 'OnTRACK' logo and the resource ID 'OT144'. The main title is 'Connecting Multiple Representations of Linear Functions' by TEA. A sidebar on the left lists a series of three items: '1. Video - Connecting Multiple Representations of Linear Functions', '2. Practice', and '3. Join the Course'. The first item is selected. The main content area features a large black video player with a white play button icon in the center. Below the video player, the source is cited as 'Connecting Multiple Representations of Linear Functions, Texas Education Agency / University of Texas at Austin'. At the bottom, there are two links: 'PRINT PAGE' and 'PRINT FULL SERIES'.

Home | View Resource: *Connecting Multiple Representations of Linear Functions*

 RESOURCE ID: OT144

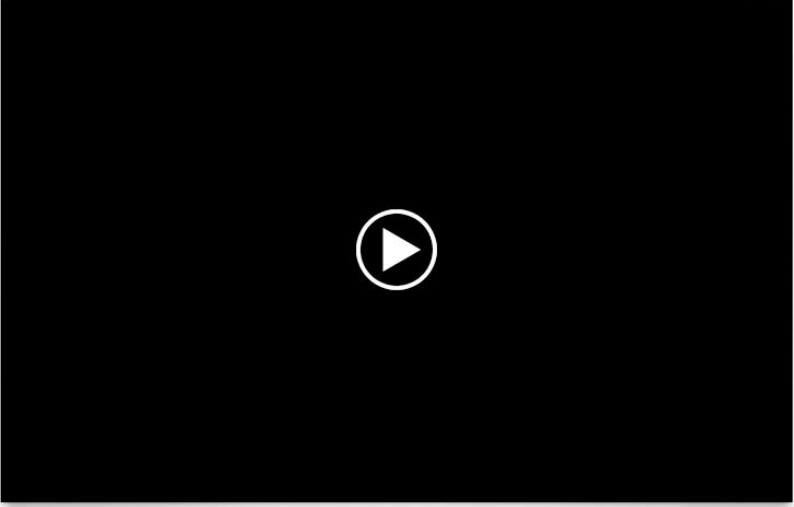
Connecting Multiple Representations of Linear Functions

By: TEA

Series (3)

- 1. Video - Connecting Multiple Representations of Linear Functions
- 2. Practice
- 3. Join the Course


1. Video - Connecting Multiple Representations of Linear Functions



Source: Connecting Multiple Representations of Linear Functions, Texas Education Agency / University of Texas at Austin

[PRINT PAGE](#) | [PRINT FULL SERIES](#)

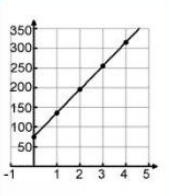
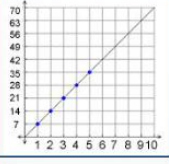
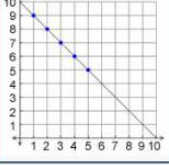
Step 9: View the next resource in the series by clicking on the series navigation to the left. In this example, the user is given an interactive activity in order to practice connecting multiple representations of linear functions.



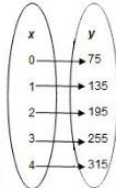
Series (3)

- 1. Video - Connecting Multiple Representations of Linear Functions
- 2. Practice
- 3. Join the Course

2. Practice

x	y
1	9
2	8
3	7
4	6
5	5




The length of a rectangle is four more than the width. If the perimeter of the rectangle is 20 inches, what are the possible widths and lengths of the rectangle?

x	y
0	75
1	135
2	195
3	255
4	315

$f(x) = 7x$

(0, 0), (1, 7), (2, 14), (3, 21), (4, 28)

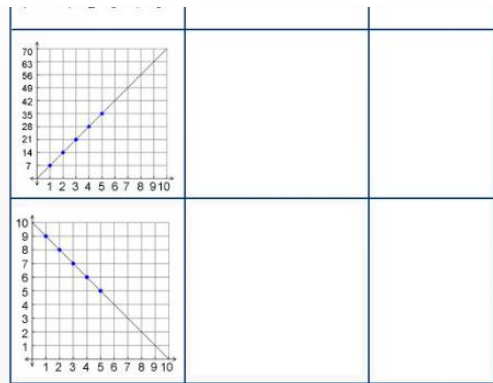


Source: Connecting Multiple Representations of Linear Functions, Texas Education Agency / University of Texas at Austin

[PRINT PAGE](#) [PRINT FULL SERIES](#)

+ VIEW RELATED ITEMS

Step 10: For more resources, open the View Related Items tab at the bottom of the page. Click on the related items to view them.



The length of a rectangle is four more than the width. If the perimeter of the rectangle is 20 inches, what are the possible widths and lengths of the rectangle?

x	y
0	75
1	135
2	195
3	255
4	315



$f(x) = 7x$

(0, 0), (1, 7), (2, 14), (3, 21), (4, 28)

Source: Connecting Multiple Representations of Linear Functions, Texas Education Agency / University of Texas at Austin

PRINT PAGE | PRINT FULL SERIES

HIDE RELATED ITEMS

Related Resources	Related Videos	Related Documents
No related Resources.	 <p>Relations and Functions</p> <hr/>  <p>How to Create Tables, Equations, and Graphs Part 2</p>	<ul style="list-style-type: none"> OnTRACK Math Resource Links (PDF) <p>Related Links</p> <ul style="list-style-type: none"> Simulation: Representations of Linear Functions Prezi: Multiple Representations of Functions



Step 11: For more practice and instruction, click on the Join the Course step in the series navigation. Read the course description and, if you wish to proceed, click on the Join the Course button.

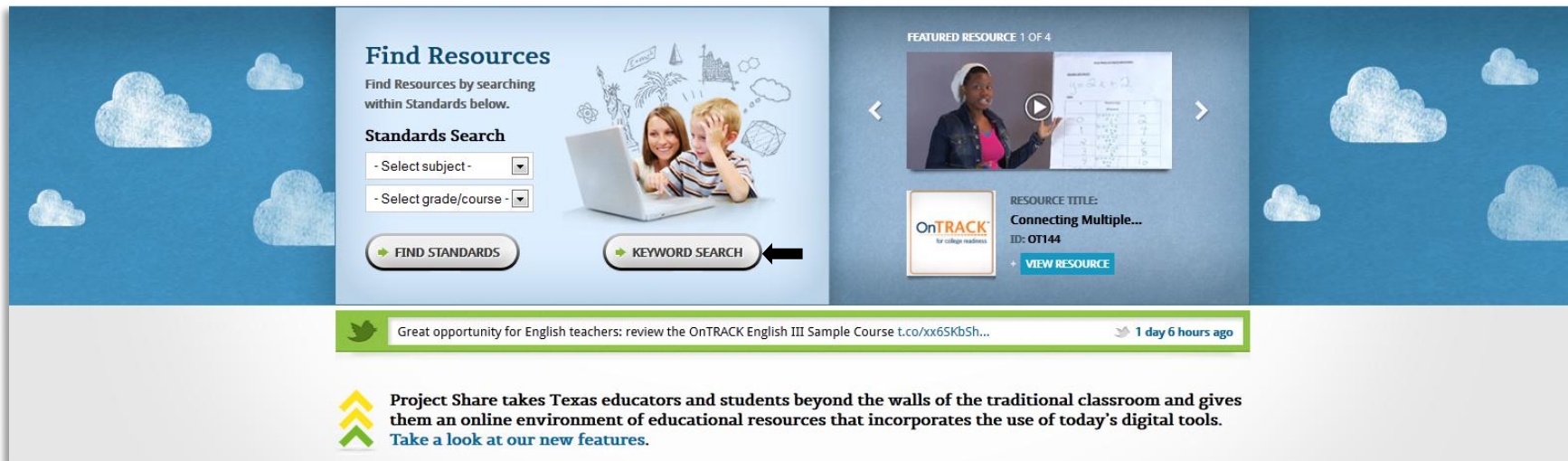
The screenshot shows a web page for an OnTRACK resource. At the top, it says 'Home | View Resource: Connecting Multiple Representations of Linear Functions'. Below this is the OnTRACK logo and the resource ID 'OT144'. The main title is 'Connecting Multiple Representations of Linear Functions' by TEA. A series navigation menu on the left lists three items: '1. Video - Connecting Multiple Representations of Linear Functions', '2. Practice', and '3. Join the Course'. An arrow points to the third item. Below the menu is a large 'JOIN THE COURSE' button with an arrow pointing to it. There are also links for 'PRINT PAGE' and 'PRINT FULL SERIES'. At the bottom, there are sections for 'Related Resources', 'Related Videos', and 'Related Documents'. The 'Related Videos' section includes 'Relations and Functions' and 'How to Create Tables, Equations, and Graphs Part 2'. The 'Related Documents' section includes 'OnTRACK Math Resource Links (PDF)' and 'Related Links' such as 'Simulation: Representations of Linear Functions' and 'Prezi: Multiple Representations of Functions'.

This button will take you to the public course home page within Epsilon, where you can log in to join and take the course.

The screenshot shows the public course home page within Epsilon. The page has a blue header with the OnTRACK logo and the title 'TEA OnTRACK Lessons for Algebra I v1.2'. Below the header is a navigation menu with links for 'Course Home', 'Syllabus', 'Announcements', and 'Login'. The main content area has a 'Home' heading and a welcome message: 'Welcome to TEA OnTRACK Lessons for Algebra I v1.2. OnTRACK Lessons for Algebra I are supplementary lessons that align with the Texas Essential Knowledge and Skills. The lessons use video, graphics, and online activities to support classroom instruction and facilitate individualized intervention for students. While these lessons are organized as a Project Share "course," they do not cover every student expectation in the TEKS for the corresponding SBOE-approved course. Students cannot earn course credit by completing OnTRACK lessons.' Below this is a form for 'Institution: Texas Education Agency'. At the bottom, there is a footer with the Epsilon logo and copyright information: 'Terms of Service | Privacy Statement | Version 2.79 | Released 7/29/2012 | © Copyright 2007 - 2012, Rowen LLC'.

Let's perform a **Keyword Search**. The keyword search function will allow you to search for resources by entering specific words or terms. This guide will take you through the simple steps.



Step 1: Click the Keyword Search button.



The screenshot displays the 'Find Resources' section of the OnTRACK website. It features a search interface with two dropdown menus for 'Standards Search' (subject and grade/course) and two buttons: 'FIND STANDARDS' and 'KEYWORD SEARCH'. A black arrow points to the 'KEYWORD SEARCH' button. To the right, a 'FEATURED RESOURCE' card is visible, showing a video thumbnail and details for 'Connecting Multiple...' (ID: OT144). Below the search area, a green banner contains a tweet: 'Great opportunity for English teachers: review the OnTRACK English III Sample Course t.co/xx6SKbSh... 1 day 6 hours ago'. At the bottom, a Project Share logo is followed by the text: 'Project Share takes Texas educators and students beyond the walls of the traditional classroom and gives them an online environment of educational resources that incorporates the use of today's digital tools. Take a look at our new features.'

Step 2: You will be taken to the resource index. In the Search within Resource Index by Keyword box, type the word or term you would like to search for. In this example, the user is searching for “scatterplots.” Click the Go button after you have entered your word.


The screenshot shows the OnTRACK Resource Index search results for the keyword "scatterplots". The search bar at the top contains "scatterplots" and a "GO" button. Below the search bar, there are sorting options: "Sort by Resource Title", "Order Asc", and "Results per page 5". A pagination bar shows "1 2 3 4 5 6 7 8 9 NEXT". The main content area is a table with two columns: "RESOURCE" and "DESCRIPTION".

RESOURCE	DESCRIPTION
 <p>TITLE: Analyzing Graphs of Quadratic Functions RESOURCE ID: OT1641 BY: TEA GRADE: 8-10 SUBJECT: MATHEMATICS</p>	Given the graph of a situation represented by a quadratic function, the student will analyze the graph and draw conclusions.
 <p>TITLE: Analyzing the Effect of the Changes in c on the graph of $y = ax^2 + c$ RESOURCE ID: OT1631 BY: TEA GRADE: 8-10 SUBJECT: MATHEMATICS</p>	Given verbal, graphical or symbolic descriptions of the graph of $y = ax^2 + c$ the student will investigate, describe and predict the effect of changes in c on the graph.

On the right side, there is a "Featured Resources" section with a thumbnail for "Writing Equations to Describe Functional Relationships" (ID: K2K08) and a "VIEW RESOURCE" button.

Step 3: Scroll through the search results. To view a resource, click on the resource title or thumbnail.


This screenshot shows the same search results as the previous one, but with one result highlighted. The search bar still contains "scatterplots" and the "GO" button. The sorting options are the same. The pagination bar now shows "1" as the only active page. The table has one row:

RESOURCE	DESCRIPTION
 <p>TITLE: Interpreting Scatter Plots ←</p> <p>RESOURCE ID: OT242 BY: TEA GRADE: 8-9 SUBJECT: MATHEMATICS</p>	Given scatterplots that represent problem situations the student will interpret the scatterplots (including recognizing positive, negative, or no correlation for data approximating linear situations), and model, predict, and make decisions and critical judgments in problem situations.

The "Featured Resources" section on the right remains the same, showing the "Writing Equations to Describe Functional Relationships" resource.

Step 4: Use the content in the resource viewer. In this example, the user is given an interactive activity related to scatterplot correlation. Follow the steps from the previous search to further explore this series of resources.

Home | View Resource: *Interpreting Scatter Plots*

 RESOURCE ID: OT242

Interpreting Scatter Plots

By: TEA

Series (3)

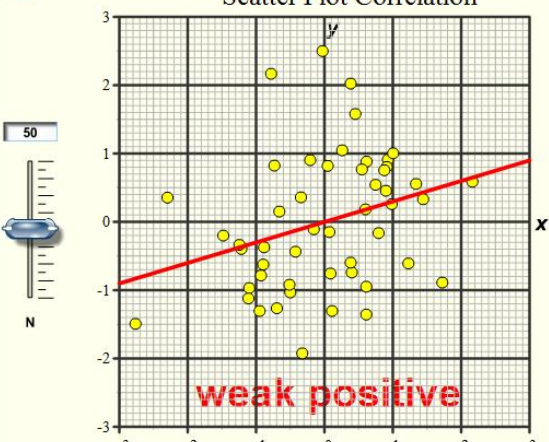
- 1. Scatterplot Correlation
- 2. Scatter Plots Terminology
- 3. Join the Course

1. Scatterplot Correlation

50

N

Scatter Plot Correlation



Line of best fit Rollover help

r

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
-0.3
-0.4
-0.5
-0.6
-0.7
-0.8
-0.9
-1.0

0.3 weak +

New Sample

PRINT PAGE PRINT FULL SERIES

Enjoy the gateway. Now that you've gone through this introductory guide, explore the gateway on your own and search through Project Share's rich repository of Algebra I resources. Let us know what you think by sending us a message from the gateway.

project Share
Knowledge knows no boundaries

STANDARDS SEARCH | RESOURCE INDEX | NEWS | ABOUT US | **CONTACT US**

Join your learning community

USERNAME | PASSWORD

Forgot your username or password? Re-activate account?

Home | Contact

Contact

If you'd like to send us a message or if you have a question, just fill out the following form.

Your name *

Your e-mail address *

Message *

SEND MESSAGE

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