



Good evening, and welcome to Secondary Curriculum’s presentation about the comprehensive set of instructional materials and resources that the district provides to students – and their parents – to support learning.

PRESENTERS



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We are your presenters from Secondary Curriculum and Development this evening.

> I am senior education technology specialist Letonya Brown.

> And I am education technology specialist Chris Brooks.

OVERVIEW

- ✓ Student access to the HUB and its resources
- ✓ Interactive student planner lessons
- ✓ Instructional resources and the Clever dashboard
 - Online textbooks, libraries, reference materials
 - Student practice opportunities, tutorials, lesson helps
 - Creative tools and applications
- ✓ Resources for parents
- ✓ Contact information

A copy of this presentation with links to materials mentioned will be available afterwards

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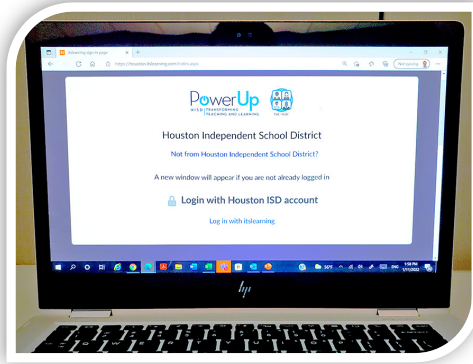
In these few minutes we have together this evening, we will take a look at the following topics:

- How students get to the district's online learning platform – the HUB – and to its various resources.
- The interactive student planner lessons that the district provides to teachers and students.
- The Clever dashboard that allows students to have instant access to their online textbooks and other tools and resources.
- Resources for parents.
- And finally, our contact information so that you can contact us with any questions or concerns.

So, let's get started.

ACCESSING THE HUB

How do students access the HUB and their online resources?



① Go to www.houstonisd.org/HUB

② Log in with their HISD student account information:

Student **username** (student ID #)
S#####@online.houstonisd.org

Initial student **password**
mmddyyyy (birth date)



How do students access the HUB and online resources?

The first step is logging in to the district's network. Here we illustrate the steps that students take:

1. Go to www.houstonisd.org/HUB.
2. Log in using their HISD student account information –
 - The student username is their HISD student ID (an "S" followed by 7 numbers) plus "@online.houstonisd.org."
 - And the initial student password is the student's full birth date in numbers – two numbers of the month, two numbers of the day, and four numbers of the year.
 - Secondary students can change their password. If a student has forgotten his or her password, the school tech support has a way to reset the password.

Once logged in, secondary students can access all their HUB courses and the Clever dashboard with all their online resources.

PLANNER LESSON – MATH EXAMPLE

Geometry Planner Lesson

Part 1: Reviewing Pythagorean Theorem

Part 2: Proving Pythagorean Theorem

Part 3: Applying Pythagorean Theorem

Part 4: Submitting your assignment

YouTube Videos

The Pythagorean Theorem

$x^2 + (4)^2 = (2x)^2$

GeoGebra Activity

Pythagorean Theorem Proof

Khan Academy Activity

Garfield's proof of the Pythagorean theorem

Digital Math Worksheet

Pythagorean Theorem Proof

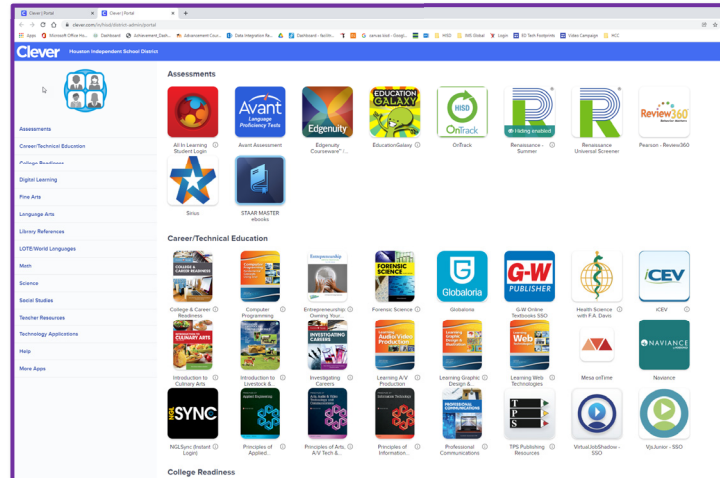
Pythagorean Theorem Proof

This is an example of a Geometry science planner lesson. On the left is the planner lesson itself that students review to complete their assignment. Just as in the science lesson, all the resources needed to complete the assignment are included in the lesson. At the top is a link to an embedded YouTube video that a student can view without leaving the lesson page. Next are links to an interactive GeoGebra activity and to a Khan Academy activity. At the end of the lesson, students complete a practice activity that uses a digital worksheet created in Google Docs. Students access the online worksheet from within the lesson and submit it automatically to their teacher for review by clicking on the assignment's "submit" button. Illustrations of the resources are on the right side of the slide.

Students can also access some of these instructional resources – such as Khan Academy and GeoGebra – on their own by going directly to the Clever dashboard. Let's take a look at that dashboard.

INSTRUCTIONAL RESOURCES AND TOOLS

Digital Resources / Clever



www.houstonisd.org/digitalresources

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











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Students and teachers access their online textbooks and instructional support tools through Clever- the HUB's page for digital resources. What you see here are ALL the district's online resources in a couple of categories. However, your student's page will look a little different. Students only see the resources that are intended for their grade level. Resources are classified as elementary, middle school, high school, or multi-level materials. In addition, your son or daughter will only have access to the specific online TEXTBOOKS that have been provided for the classes that they are enrolled in. But the general resources such as Khan Academy and other online reference sites should be available to all students in a specified grade level.


SECONDARY SCIENCE


Science


 ★	 ★		 ★	 ★		 ★	
AP Chemistry ⓘ	AP Environmental Science ⓘ	Aspire MD Anderson ⓘ	Biology ⓘ	Chemistry ⓘ	Discover Magazine ⓘ	Environmental Systems ⓘ	ExploreLearning Rostering ⓘ
	 ★	 ★			 ★		
Gizmos SSO ⓘ	IBC ⓘ	iScience ⓘ	JASON Learning Login ⓘ	NGLSync (Instant Login) ⓘ	Physics ⓘ	Science Fusion ⓘ	Stemscopes ⓘ


★ District-adopted textbooks for grades 6 through 12


Students have access to the online textbooks
for the classes in which they are enrolled






LEADER



ADAPTABLE & PRODUCTIVE


COLLEGE-READY LEARNER


CRITICAL THINKER


SKILLED COMMUNICATOR


RESPONSIBLE DECISION MAKER



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Here is the collection of online resources and textbooks for science. Icons marked with the gold stars indicate an online textbook for a course or courses. Some of these materials have been purchased by individual schools and may not be available to all schools.




And here are language arts and reading materials. As you may notice, some of these materials are intended for elementary students. Your middle or high school student wouldn't see these on their dashboard.

SECONDARY MATHEMATICS


Math




Achieve3000 Math




Algebra I - II




AP Calculus Coursemate




AP Statistics




Carnegie Learning




DreamBox




DreamBox




Elevation Student




Everyday Math




Geometry




Go Math!




Go Math!




Great Minds




Imagine Math




Imagine Math (formerly TTM)




Imagine Math Facts




Investigations - Solves




Math Models with Application




Precalculus



Reasoning Mind



ST Math



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Here are resources for mathematics.

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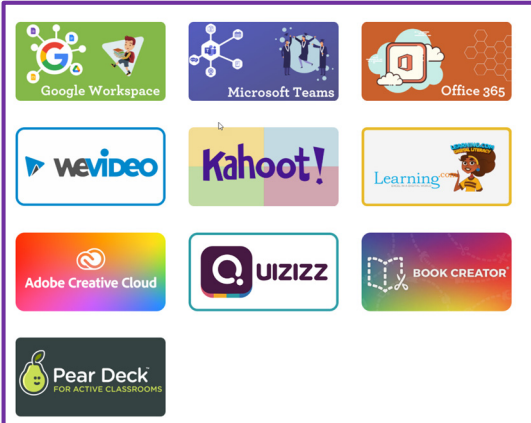
And here are resources for social studies. Please note that any time a student is having difficulty accessing a resource, the student should ask the teacher for assistance. The district maintains a help desk – accessible by phone and by email – to assist in cases like this.

Also, some resources must first be assigned to a class of students by the teacher before students will be able to connect to them. You can always confirm with your child's teacher that the resources needed have been assigned.



Of course, the district provides a wealth of additional resources for students to support their research, explorations, practice, and creative work – even links to the public library.


RESOURCES FOR STUDENTS







Need help?

The Academic Instructional Technology (AIT) Team offers assistance to both students and parents –

- [Online Assistance](#)
- [Training Materials](#)







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Within the planner lessons, students will have assignments that will promote knowledge acquisition, collaboration, communication, creativity, and critical thinking. The tools you see before you now are district-approved for student use. They have been vetted for privacy, safety, and security, and are all accessible through your child's HISD Google domain, Microsoft domain, or the HUB's digital resources page. For assistance with access or troubleshooting, you or your student can schedule online assistance with the Academic Instructional Technology (AIT) team or submit a help or support ticket to servicedesk@houstonisd.org.


RESOURCES FOR PARENTS





Need help?


The Academic Instructional Technology (AIT) Team offers assistance to both students and parents –


- [Online Assistance](#)
- [Training Materials](#)






LEADER



ADAPTABLE & PRODUCTIVE


COLLEGE-READY LEARNER


CRITICAL THINKER


SKILLED COMMUNICATOR



RESPONSIBLE DECISION MAKER




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Parents can learn how to assist their student with accessing and using district online resources such as Microsoft Teams and the HUB by visiting the Academic Instructional Technology web pages. There are step-by-step instructional videos, presentations, and guides to aid you in helping your student succeed in becoming an HISD Global Graduate.

RESOURCE LINKS

Student Planner Support	Accessing the HUB and Digital Resources
Curriculum Documents for Parents	Digital Resources for Parents / Guardians
Grade-by-Grade Parent Guide	Digital Resources for Students
Curriculum Web Resources	Book Online Instructional Support
	HISD Help Desk: servicedesk@houstonisd.org

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Here are a collection of links to helpful sites within HISD. If you download a copy of this presentation or if you use the QR code on this and the next pages, you will be able to click on the links to go to the various pages.

CONTACT US

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Here is our contact information and the QR code that will take you to a page with this presentation and all these links.



Thank you so much for taking the time to let us share some of the support we offer to you and the students in your family.