



INSTITUTE FOR THE PROFESSIONAL
DEVELOPMENT OF ADULT EDUCATORS

2017-18

Train the Trainer Initiative

Building Capacity for Florida GED[®] Programs

www.floridaipdae.org

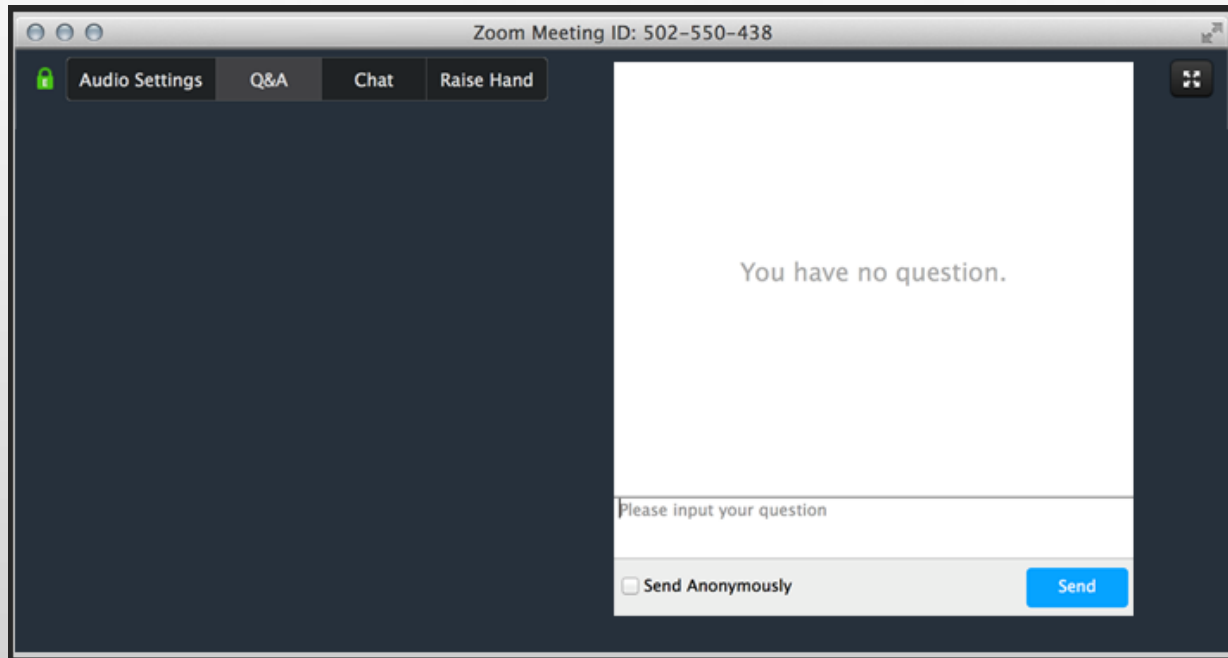
This training event is supported with federal funds as appropriated to the Florida Department of Education, Division of Career and Adult Education for the provision of state leadership professional development activities.

The Train the Trainer Team



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If you have question, please type it into the **Q&A** option.



You are currently in **listen only** mode. We will be opening the mics at the end of the session for your feedback and ideas. Today's presentation is being **recorded**. It will be archived and available to Train the Trainer participants on the IPDAE website in your portal.

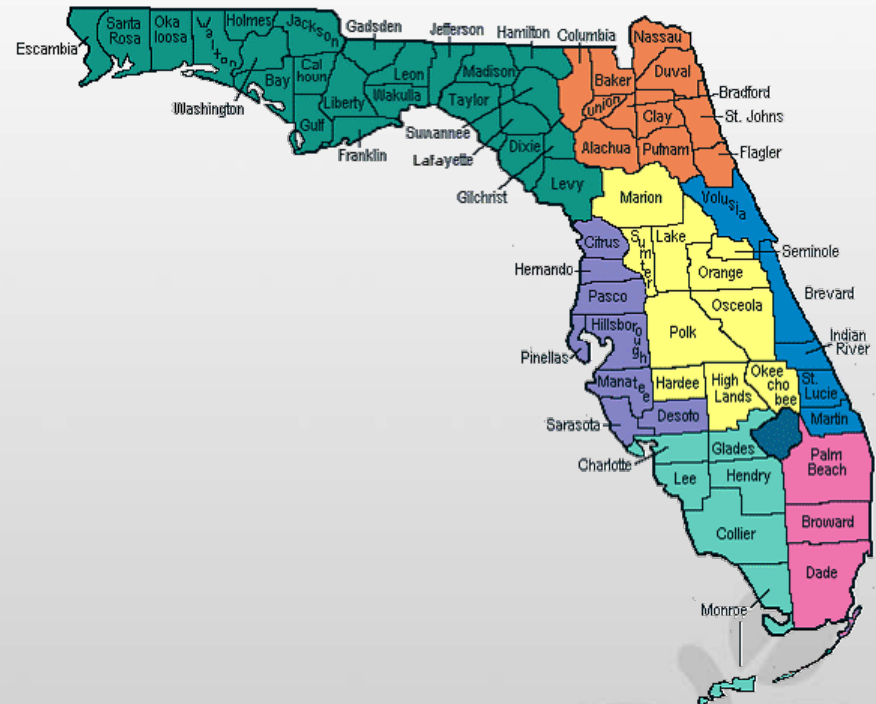
GED® Train-the-Trainer Debrief

This webinar is available to GED® Train-the-Trainer workshop participants, as well as the field. While those of you who attended the GED TtT received a wealth of information and materials to recreate the training for your colleagues, you may still have questions regarding your duties in this capacity building endeavor. This webinar will speak to those questions and concerns, as well as providing additional resources.

As part of an effort to build training capacity throughout our state, our ultimate goal is for you to share the information with your colleagues!

8 Training Locations

- Brevard
- Broward
- Collier
- Highlands
- Leon
- Miami-Dade
- Pinellas/Hillsborough
- Seminole

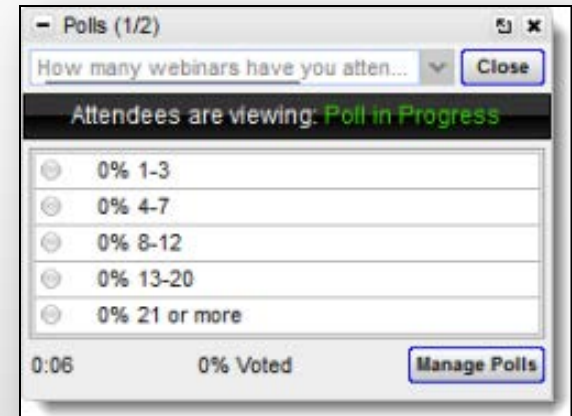


____ Participants Trained to Date



In this session, we will:

- Discuss
 - Trainings that have been or are scheduled to be delivered
 - Questions and issues that came up for you as you began to work with the materials
- Share experiences, resources and ideas
- Share a new thematic lesson



Where are we in the process?

A QUICK POLL



Have you accessed your IPDAE portal and the Social Studies and Science materials from the workshop?

- Yes
- No



Have you integrated one or more activities from the workshop into your classroom?

- Yes
- No



Have you delivered at least one training or shared the information with your cohorts?

- Yes
- No





For those of you who have delivered more than one workshop, how many have you delivered?

- 2-3
- 4-5
- More than 5





Please provide an estimate of the average number of participants in each workshop:

- Less than 5
- 5 – 10
- 11 – 20
- 21 – 30
- More than 30



Have you completed and sent your sign-in sheets to Florida IPDAE?

- Yes
- No



If you have not delivered a workshop to date, when you do plan on delivering the information to your fellow instructors?



**Staying
Informed**

- March-April 2018
- May-June 2018
- Beginning of 2018-19 school year
- I do not have plans to deliver a training at this time

What GED® content area(s) would you like additional workshops in 2018-19?

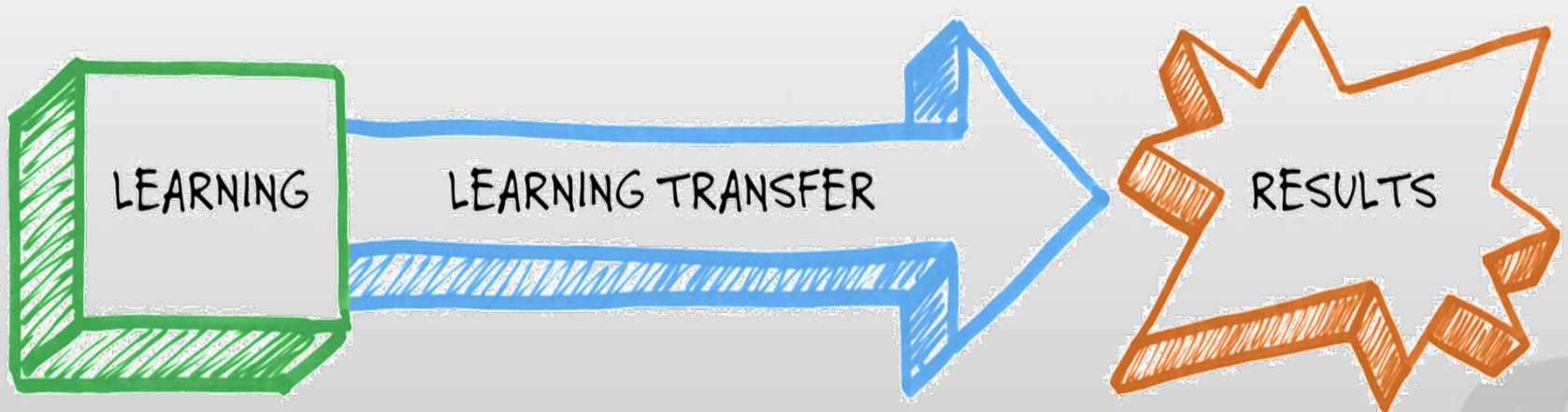
- Reasoning through Language Arts – Writing Skills
- Reasoning through Language Arts – Reading Skills
- Social Studies
- Science
- Mathematics – Quantitative Reasoning Skills
- Mathematics – Algebraic Reasoning Skills



Questions or Comments about the GED® Social Studies/Science Workshop?

- 🤔 Accessing Materials
- 🤔 Providing Training
- 🤔 Training Materials
- 🤔 Classroom Application
- 🤔 Personal Experiences,
Resources, Ideas





Building Thematic Lessons

CREATING SCIENCE LESSONS FROM TODAY'S NEWS



A thematic approach is a way of teaching and learning, whereby many areas of the curriculum are connected together and integrated within a theme.

GEDTS integrates major themes in both social and science; content is connected!



- Draws on connections from the real world and life experiences
- Creates active, interesting, and meaningful learning
- Increases students' interests/engagement
- Compacts the curriculum
- Expands assessment strategies
- Puts learning into the context of a coherent whole



It's a bird;
it's a plane;
No it's Superbug!



- Have you ever taken an antibiotic?
- Did it work?
- How and when should antibiotics be used?
- Should you take antibiotics for a viral or a bacterial infection?
- Have you heard about super-bugs?



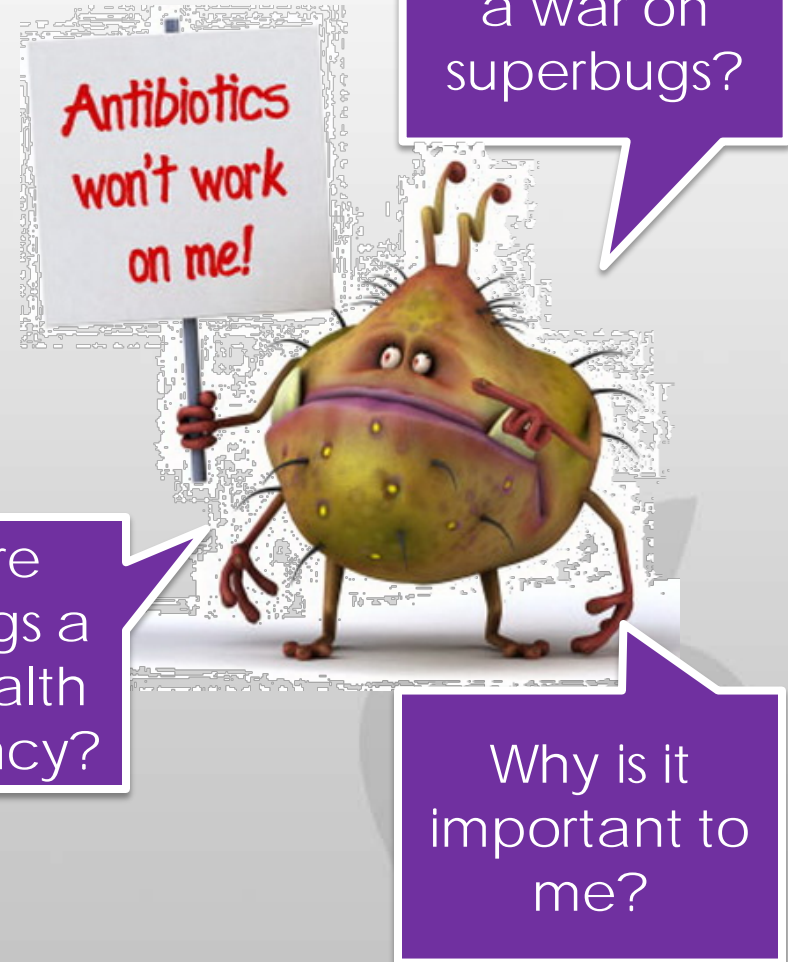
Superbugs Are Here!

- In the USA, over 2 million people each year become infected with bacteria that are resistant to antibiotics
- Last year, over 23,000 people died as a direct result of antibiotic-resistant infections
- By 2050, it is projected that antibiotic resistant infections will cause more deaths annually than cancer – over 10 million people worldwide or one person every three seconds.



Let's use the 5 Es to develop a lesson

- Engage
- Explore
- Explain
- Extend
- Evaluate



GED® Preparation Lesson Plan

Module: Science

Lesson Title: Superbugs

Standards: GED® Preparation (Adult General Education)

Florida GED® Science Standards	Science Practices
<ul style="list-style-type: none"> Describe systems and functions of the human body systems and how to keep healthy. (L.1) <ul style="list-style-type: none"> Transmission of disease and pathogens (e.g., airborne, blood born), and the effects of disease or pathogens on populations (e.g., demographics change, extinction), and disease prevention methods (e.g., vaccination, sanitation). (L.1.d.) 	<ul style="list-style-type: none"> Comprehending Scientific Presentations (SP.1) <ul style="list-style-type: none"> Understand and explain textual scientific presentations (SP.1.a) Reasoning from Data (SP.3) <ul style="list-style-type: none"> Reason from data or evidence to a conclusion (SP.3.b) Evaluating Conclusions with Evidence (SP.4) <ul style="list-style-type: none"> Evaluate whether a conclusion or theory is supported or challenged by particular data or evidence. (SP.4.a.)

Objectives of the Lesson

Students will:

- Identify the similarities and differences between bacteria and viruses
- Define antibiotic resistance and discuss the increases in superbugs in today's world
- Provide examples of the interaction between Earth's systems and infectious diseases
- Understand chemical properties and reactions related to bacterial and viral infections and antibiotics

Materials

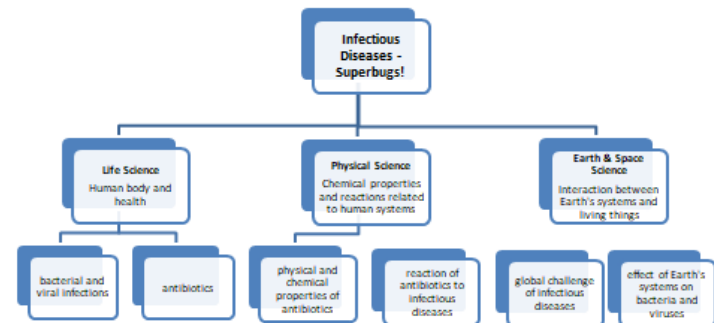
- Handout A: Bacteria and Virus – Let's Compare! (Template and Sample Answer Key)
- Handout B: Differences Between Bacteria and Viruses
- Handout C: A Biography of Alexander Fleming
- Handout D: Diseases Throughout the World
- Handout E: Let's Find Out!
- Handout F: Feeling Sick? Virus vs. Bacteria
- Chart paper/board and markers
- Computer with internet access and projector

Instructional Plan

Overview

In this unit lesson, students will have the opportunity to gain a better understanding of superbugs and how antibiotic resistance can impact their lives. This lesson plan follows the 5 Es lesson plan format. The topic, superbugs, serves as the starting point that revolves around the focusing theme of Human Health and Living Systems. The following chart shows the various areas of life, physical, and earth and space science that are covered by this thematic lesson.

Note: Throughout the lesson, optional resources are provided for use in the classroom when videos are not available.



Process

Engagement

Set the stage for the lesson by asking students the following questions to determine their knowledge of antibiotics. You may wish to record their answers and refer to them throughout the lesson.

- Have you ever taken an antibiotic?
- How and when should antibiotics be used?
- Who was Alexander Fleming?
- What are bacteria?
- Have you ever heard about super-bugs? What have you heard?

Share with students the following facts:

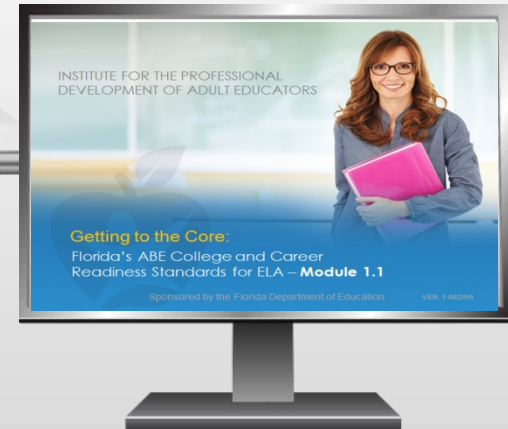
- In the USA, over 2 million people each year become infected with bacteria that are resistant to antibiotics.
- Last year, over 23,000 people died as a direct result of antibiotic-resistant infections.

Think about today's news. What other thematic topics can you think of for your science classroom?



How about your social studies classroom?



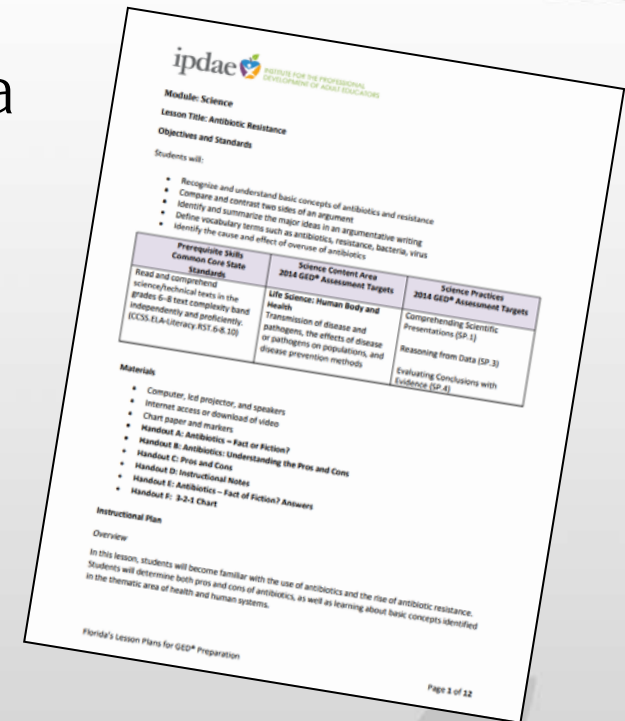


Florida IPDAE

NEED MORE RESOURCES?

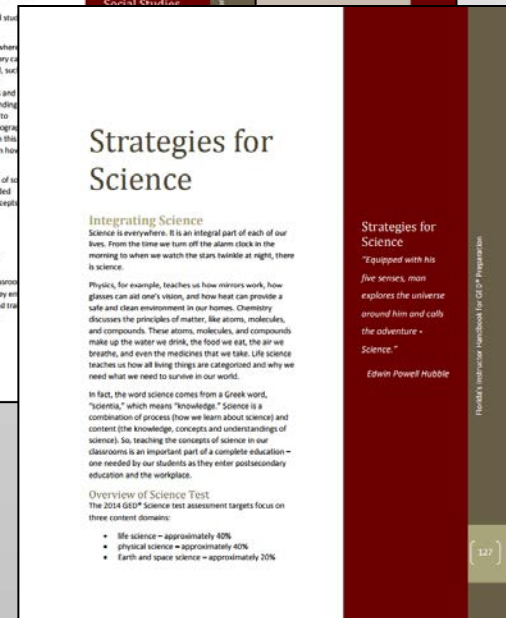
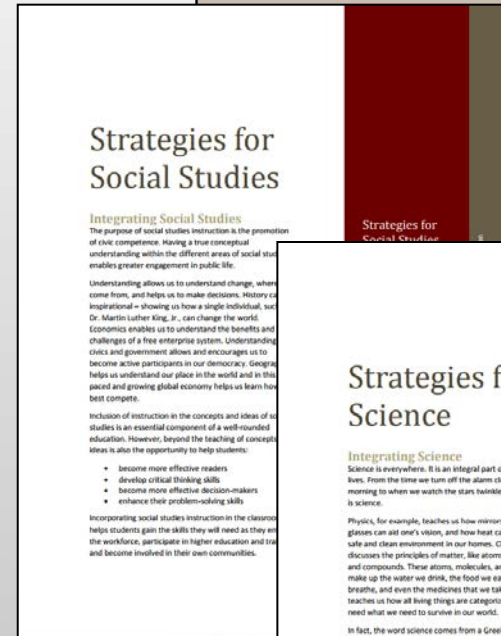
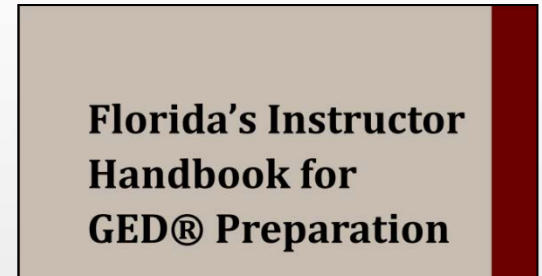
Check out the lesson plans on Florida IPDAE to get started!

- Antibiotic Resistance
- Formulating a Hypothesis
- List Group Label
- Scientific Inquiry
- Looking for Newton
- Double Entry Note Taking
- Editorial Cartoons
- Enduring Issues in Civics and Government
- The Bill of Rights Is in the News
- Primary Sources: Looking for the Answer in the Constitution



Florida's Instructor Handbook for GED® Preparation

- <http://www.floridaipdae.org/index.cfm?fuseaction=resources.GEDAHS&caid=C2C17BE70020110F07C8660E87D07D47420C2D17D04AA02860D4666579FA08B7>



Available at Floridaipdae.org in the E-Trainings section

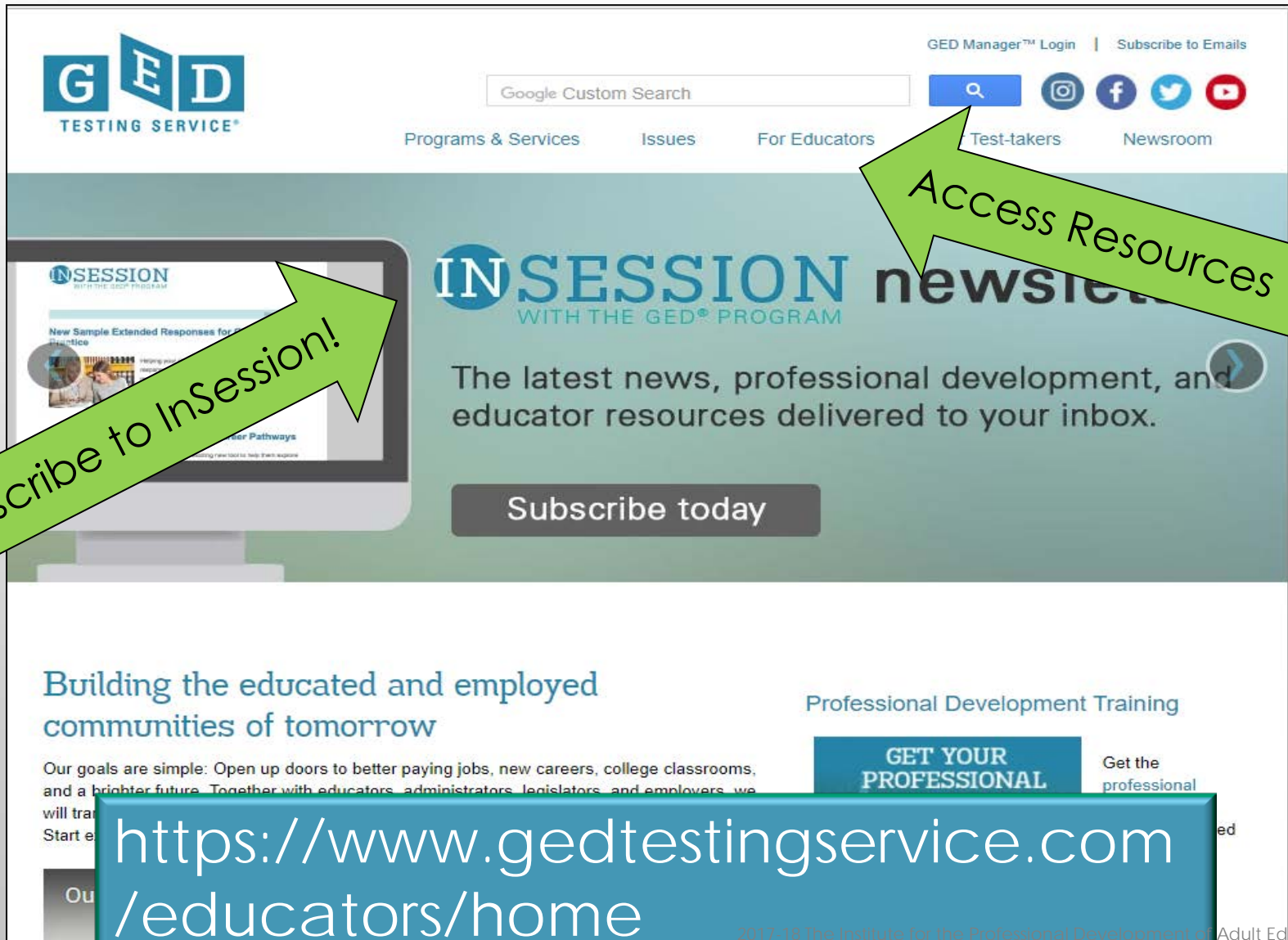


- **Self-Paced** modules (30-Minute Parts)
- Convenient, **Free & Easy** to Navigate
- Great as a **Professional Development** Recertification Resource
- Post-Test & **Certificate of Participation** are provided

In-Service hours qualifications are at the discretion of each district.

Don't
Forget!

- Access training materials from your IPDAE portal
- Deliver PD to your colleagues
- Collect and submit sign-in sheets to build the system
 - Send to: Bonnie Goonen
bgoonen@floridaipdae.org
Or via mail to: Bonnie Goonen
30241 Island Club Drive
Deer Island, FL 32778



The screenshot shows the GED Testing Service website. At the top left is the GED Testing Service logo. To the right is a search bar labeled "Google Custom Search" and a "GED Manager™ Login" link. Below the search bar are navigation links: "Programs & Services", "Issues", "For Educators", "Test-takers", and "Newsroom". Social media icons for Instagram, Facebook, Twitter, and YouTube are also present. The main content area features the "INSESSION WITH THE GED® PROGRAM" newsletter sign-up. A large green arrow points to the "Subscribe today" button with the text "Subscribe to InSession!". Another large green arrow points to the "For Educators" link with the text "Access Resources". At the bottom, there is a blue box containing the URL <https://www.gedtestingservice.com/educators/home>. Below the URL, there is a section titled "Building the educated and employed communities of tomorrow" and "Professional Development Training" with a "GET YOUR PROFESSIONAL" button.



We're just a mouse click away . . .

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Thank You!
