

Complete 5E Mega Bundle

- **Lessons**
- **Activities**
- **Assessments**



SCROLL
to take a look inside!

5E Science Lesson Bundle

Engagement
Exploration
Explanation
Elaborate
Evaluate

- Teaching Timeline
- Grade 9-12

- Lessons
- Activities & Assessment



Includes over 100, 5E Lessons!

The 5 E's



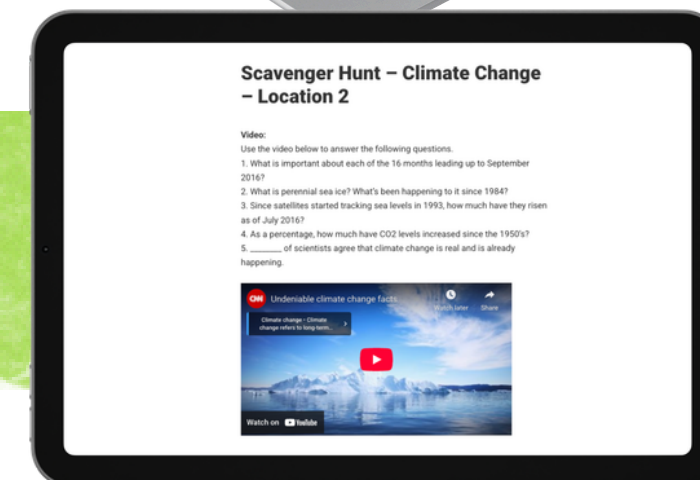
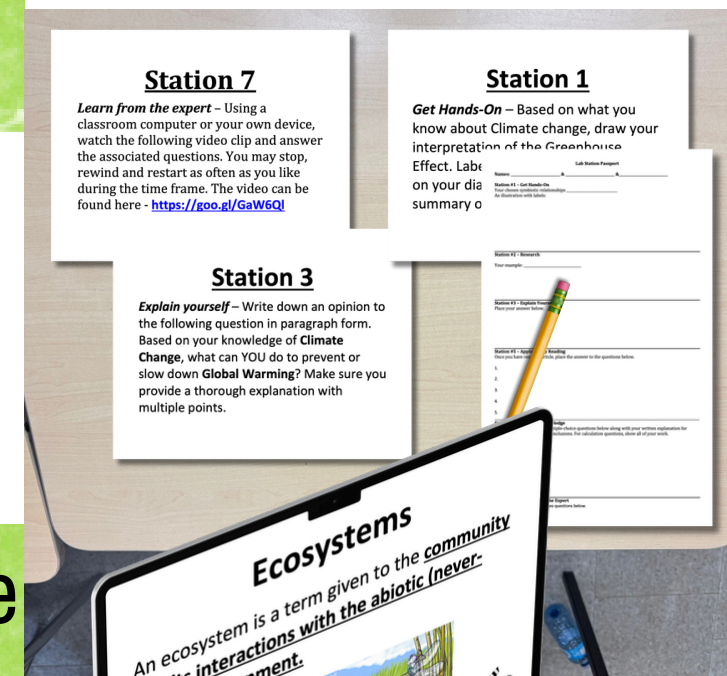
✓ **Engagement Phase** - Creates interest and excitement for your students by asking questions and probing their initial conceptions.

✓ **Exploration Phase** - Students use and develop creative thinking skills, make observations, record results, and make connections through an investigation → Lab Station Activity

✓ **Explanation Phase** - This is the instructional phase where concepts are presented to the students in a clear and applicable way → Lesson.

✓ **Elaborate Phase** - This phase involves the students completing an activity or assignment that forces them to expand their thinking and knowledge of the topic. They will propose solutions and extend their learning to new situations → Scavenger Hunt Activity

✓ **Evaluate Phase** - Your students will demonstrate their understanding and evaluate their own progress through an assessment → activity, assignment, or quiz.



Daily Teaching Schedule

Day-by-day teaching schedule so you'll know what to teach and when each day.

“★★★★★ Extremely satisfied - The lesson has an incredible amount of depth. As an avid fan of guided notes, I thought this guided note presentation was amazing!”

Ecosystems – 5E

Grades 7-10	Ecosystems	C
Lesson Objective: Students will: - Investigate factors related to human activity that affect the (specifically coral reef ecosystems) - Be able to explain how humans affect the sustainability of - Demonstrate an understanding of the changing nature of - Describe what an ecosystem is as well as the biotic and - Gain an appreciation for the importance of sustainability		
Possible Student Misconceptions: - The Earth is so large that humans can't really affect it - Only living things make up an ecosystem - Ecosystems don't change much over time		
Materials: 1 device (smartphone, Chromebook, laptop, tablet, or computer) - A means of projecting a PowerPoint presentation - Internet access		
Teacher Notes: - All videos can be accessed directly from the PowerPoint. icon while in slideshow mode and it will automatically open reason, right-click on the image and click Edit Hyperlink - I've created a video walkthrough if needed. It can be accessed https://youtu.be/oCIKIP9SaDQ - I don't believe in long lessons. If you feel your students are Stop the PowerPoint and give them a 5-minute break. If you recommend my video collection here - http://www.teachmeanth.com are tons of brain-break videos to choose from all grouped		

The Periodic Table – 5E Lesson

Engagement Phase Your students will complete the Task Cards Activity. They may complete this in pairs or individually. The file is found in the folder - <u>Engage - Task Cards Activity</u> Teacher Notes: - In this activity, students will answer questions and put them in order to reveal a mystery phrase - These questions will be new to students so they may use any means necessary to answer them	Duration: 30 - 40 minutes Teacher Role – Facilitate learning and guide student understanding Goals ☐ Connect student's experiences ☐ Create interest ☐ Ask questions ☐ Understand the objectives of the lesson
Exploration Phase Exploration – Lab Station Activity - In groups of 2-3, have your students complete <u>Exploration – Lab Station Activity</u>. Once they're done, they will submit their passport to you. Teacher Notes: - The complete instructions for my Lab Station activity can be found in the <u>START HERE – Instructions</u> file.	Duration: 1 hour Teacher Role – Facilitate learning and guide student understanding Goals ☐ Students receive real experience with the topic ☐ Students use and develop creative thinking skills ☐ Students make observations, record results, and make connections
Explanation Phase PowerPoint Lessons - The lesson is found in the folder – <u>Explanation – Lesson</u> - The lesson is designed to be completed over two days - There are multiple embedded videos and plenty of opportunity to engage, interact, and check for your students' understanding	Duration: 2 - 3 hours Teacher Role – Explain the concepts by presenting the material found in the presentation.

Each Phase is Clearly Described

BONUS - ENTIRE STORE ACCESS!

As a special bonus for purchasing, you will get access to my ENTIRE STORE for 6 months. That means unlimited access to all my

- ✓ Lessons**
- ✓ Lab Station Activities**
- ✓ Scavenger Hunts**
- ✓ Review Activities**
- ✓ Assessments and so much more!**

TWIF



Classroom Fit Guarantee

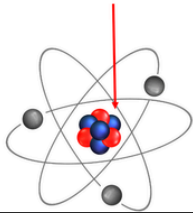
I want you to feel confident when you purchase from Teach With Fergy. If a resource is not the right fit for your students, simply contact me and I'll provide double your purchase amount in store credit toward another resource in my store.



Fully Editable & Engaging Lessons

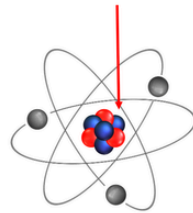
Structure of an Atom - Proton

- Protons (blue) have a positive (+) charge
- They're found inside the nucleus
- Have a relative mass of 1
- Determines the atomic number



Structure of an Atom - Proton

- Protons (blue) have a positive (+) charge
- _____
- Have a relative mass of 1
- Determines the atomic number



Google Access

Thank you for your purchase. Clicking the link button below will automatically create a copy of the Google resources and place them into your Google Drive. You'll find the folder inside the 'Shared with me' section on the left side of your Drive.

Important: Before you click, make sure you're signed in to the Google account you'd like the resources placed into. If the resources are added to the wrong account, simply sign out and then into the correct one and repeat the process.

[Click here to place a copy of your resources into your Google account](#)

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Google Classroom Ready
One-Click Google Slides Access

Cellular Respiration - Exit Ticket

* Indicates required question

What is considered the "currency" or energy source for cells? 1 point

- ☐ CO2
- ☐ Oxygen
- ☐ Glucose
- ☐ ATP

Next

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Clear form



Videos embedded directly in your lessons

Photosynthesis - Student Notes

Earth's Energy Budget - include the diagram in your notes

Solar Energy

- Plants do something similar. They convert light energy into chemical energy (sugar) which the organism can use to move, talk, run, etc.

Photosynthesis - include the photosynthesis diagram in your notes

- Occurs in the leaves of plants in organelles called chloroplasts

Photosynthesis

Why?

How?

Who?

Any organism which contains chlorophyll (plants, cyanobacteria, algae, etc.)

Photosynthesis

- Occurs in the chloroplast of plant cells

Pigments

- Pigments are substances made by living things that absorb certain colors of visible light
- Chlorophyll is the most important pigment for photosynthesis in plants
- However, other pigments are also present in the leaf

Light Review

Student Notes

Teacher and Student versions of each lesson.



Extremely satisfied - Awesome PowerPoint and the worksheet went along well with it to keep students engaged!

Engaging Activities



Lab Station Activities



Case Studies



Projects



Reading Comprehensions



Labs and Worksheets



Digital Scavenger Hunts



Interactive Notebooks

WHAT TEACHERS SAY

★★★★★ Extremely satisfied - This resource is great for any science teacher. There are so many topics covered and a great lesson plan included for each. The materials are set up for easy use and ready to go at the drop of a dime.

★★★★★ Extremely satisfied - A detailed and amazing product. Jam packed with details, exciting lessons and questions to keep the students accountable. So much thought and work went into these lesson plans. Thank you for your incredible product. I look forward to using it.

★★★★★ Extremely satisfied
Love this and all the resources included! Great bundle.

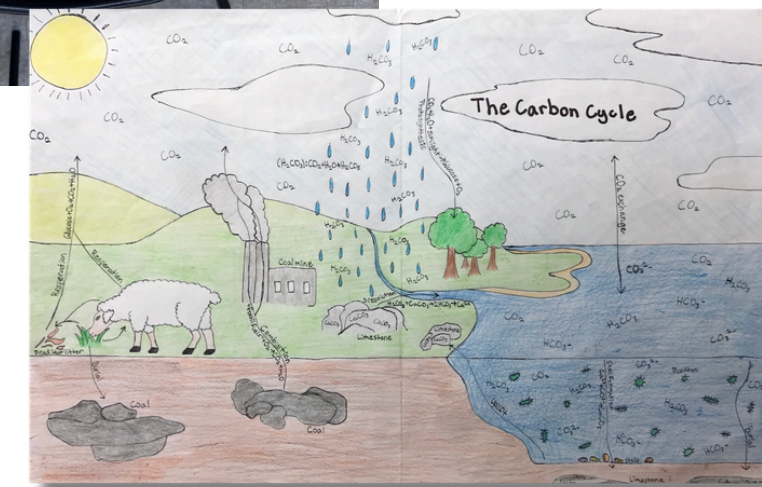
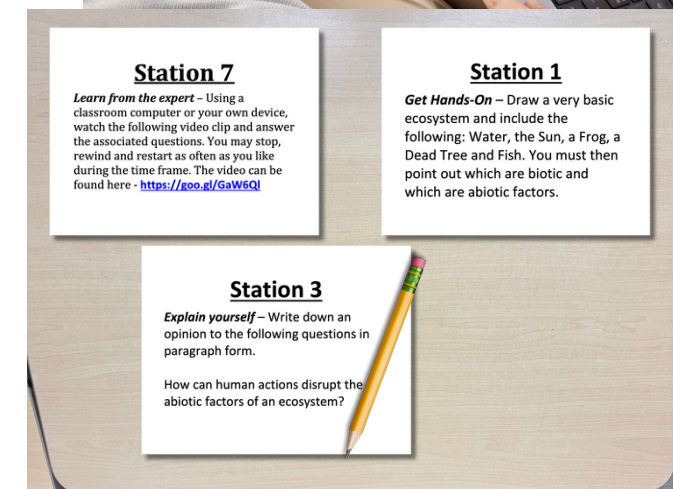
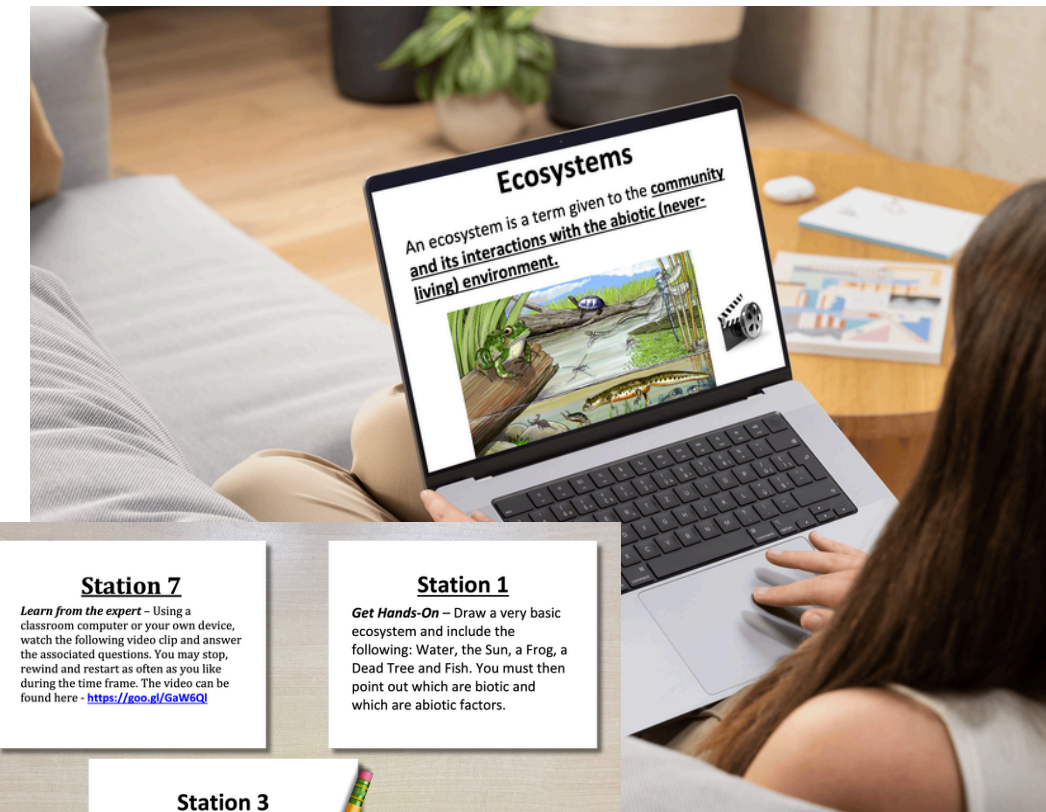
★★★★★ Extremely satisfied - Yahoo!! This is GREAT! Thank you, thank you, thank you!! So many resources! I have just completed my first year of teaching and these 5E lessons are perfect!

★★★★★ Extremely satisfied - This is fantastic!! I started the first one on biodiversity today and the kids LOVED it! I can't wait to continue to use these!

★★★★★ Extremely satisfied
Lots of great units to use here.
Very thorough!

MY 5E LESSONS SOLVE...

- ★ **Prep-time crunch** — ready-to-use slides, stations, activities, and quizzes cut planning to near zero.
- ★ **Engagement** — hands-on stations + readings and projects keep students active and curious.
- ★ **Unit flow** — 5E structure (Engage → Evaluate) gives a coherent, day-by-day sequence.
- ★ **Assessment** — activities, assignments, and auto-graded quizzes, provide evidence of learning that is quick to mark.



WHAT'S INCLUDED IN YOUR BUNDLE?

- ✓ **100+ Complete 5E Lessons** – Covering Physics, Biology, Chemistry, Earth Science & Physical Science.
- ✓ **Fully Editable & No-Prep** – Ready-to-use PowerPoint and PDF formats with minimal materials needed.
- ✓ **Inquiry-Based Learning** – Engages students in hands-on labs, discussions, and critical thinking.
- ✓ **Save Over 80%** – Huge bundle discount compared to purchasing individual lessons separately.



Thanks
**for your interest
in this resource!**

I am a real person and if
you have any questions,
suggestions, or concerns,
please reach out.



devon@teachwithfergy.com

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*Let's
Connect!*

