

# *Agricultural Education*

## **RESOURCE GUIDE**

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**This resource was created in  
collaboration with the University  
of Florida Department of  
Agricultural Education and  
Communication.**

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Each page will cover a resource that can be utilized in an agricultural education classroom.

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# 1. CORNELL VET CURRICULUM

Designed by Cornell University

" Cornell Veterinary Curriculum -provides over 160 lessons that can be configured to create a distinctive curriculum to fit the changing and unique needs of every ag program."

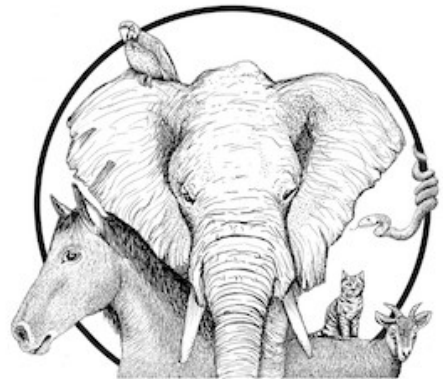
## *How does it align with AFNR standards?*

This is a complete curriculum in the field of animal and veterinary science. It focuses on standards within Animal Science and Veterinary Assisting courses. The lessons also align with the National FFA Veterinary Assisting CDE.

## *What's included?*

This resource includes over 160 interactive lessons.

- Worksheets
- Power-points
- Labs
- Student Workbook for each unit
- Educator guide for each unit



**Veterinary Science 9-12**  
The Classroom Curriculum

### Unit A: Personal Safety and Animal Handling

#### ► A.1 OSHA: Occupational Safety and Health Administration

► A.1.1 OSHA enforces safe and healthful working conditions in order to protect employees from workplace hazards and injuries.

#### ► A.2 Hazards in the Workplace

► A.2.1 Correct identification of safety signs and symbols and the Personal Protective Equipment associated with the signs and symbols promote workplace safety.

► A.2.2 Identifying and monitoring the six OSHA identified workplace hazards promote workplace safety.

► A.2.3 Proper hand washing reduces the spread of harmful microorganisms.

► A.2.4 Safety Data Sheets provide critical information regarding the properties, hazards and precautions for handling, storing and transporting chemicals.

► A.2.5 Evaluating a case study and doing a hazard analysis can inform readers what can happen and suggest how to prevent serious problems in the future.

## *How to get it?*

This resource is in Microsoft and pdf format. Once purchased, teachers get a one-time download to save all files to their computer. Teachers can edit and print these documents upon saving. There is also a free version of this curriculum to download.





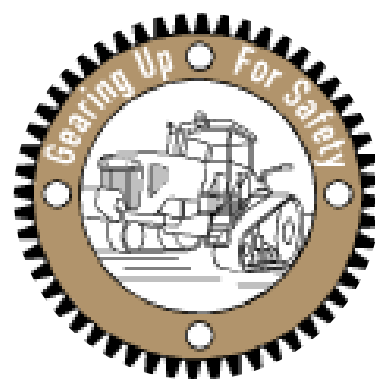
## 2. AG SAFETY 4 YOUTH

Designed by Purdue University

"GEARING UP FOR SAFETY is an evidence-based curriculum originally designed to meet the current safety training requirements contained in the Hazardous Occupation Order for Agriculture (HOOA)."

### *How does it align with ANFR standards?*

Content includes agriculture safety concepts across many areas in the agriculture industry and targets ANFR standards. This can be incorporated in middle and high school agriculture classrooms.



### *What's included?*

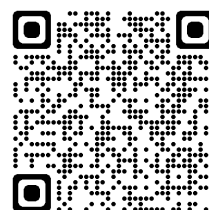
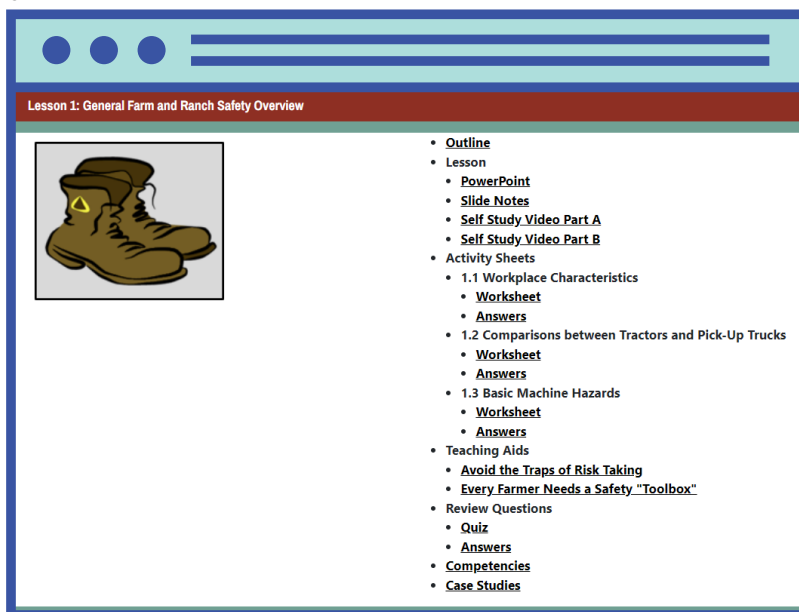
This resource includes other resources to be utilized by educators:

- Competencies
- Lesson plans
- Delivery Outline
- Activity Sheets
- Glossary
- Content Development
- Evaluation Components
- Case Studies
- Farm Safety Inventory

### *How to get it?*

The curriculum resources are available for free online and can be downloaded at [www.agsafety4youth.info](http://www.agsafety4youth.info).

Request a flash drive of the curriculum by contacting [agsafety4youth@lists.purdue.edu](mailto:agsafety4youth@lists.purdue.edu)



# 3. ICEV

Designed by CEV Multimedia

" Implement a successful blended learning program that meets your students' diversified needs. Easily customize student learning with a variety of options, including face-to-face instruction, self-paced or distance and hybrid learning models."

## How does it align with AFNR standards?

This curriculum connects with multiple CTE courses, however it does provide alignment with over different areas in various AFNR pathways. This platform can easily be utilized in any middle or high school agriculture classroom.



## What's included?

This resource includes many resources for educators online and in the classroom:

- Industry Certifications
- Lesson plans
- Tutorials
- Canvas integration
- Interactive course work
- Formative and Summative Assessments
- Case Studies
- Real world Projects
- Student Progress Monitoring
- Visual-aids

## Industry Certification Incorporation:

The industry certifications established on iCEV brings industry standards into the classroom. iCEV aims to bridge the gap between education and industry to better prepare students for the workforce.



## How to get it?

The curriculum resources are available online at [www.icevonline.com](http://www.icevonline.com). Contact a consultant to schedule a demo about the online platform. 806-745-8820





# 4. ONE LESS THING

Designed by Alicia Tomlinson

Activities and lessons designed by a former agriculture teacher specifically to aid gaps within agricultural education for agriculture educators. Each material was formed to be easily implemented in the classroom.

## How does it align with AFNR standards?

This resource includes curriculum among a variety of topics within the AFNR pathway. This website separates its products by subject. These include but aren't limited to: FFA, Animal Science, Plant Science, Forestry, Veterinary and much more.



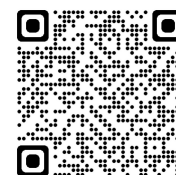
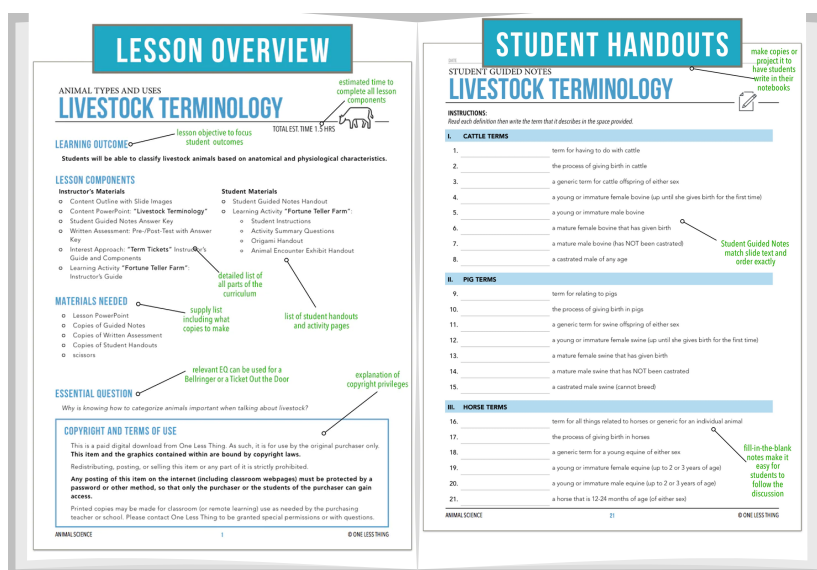
## What's included?

Each resource provided is sold separately or in one total curriculum package.

- Lesson plans
- Posters
- Power-points
- Formative Assessments
- Review Cards
- Lab Activities

## How to get it?

The curriculum resources are available online at [www.onelessting.net](http://www.onelessting.net). Teachers can purchase individual curriculum and receive downloads directly after purchase transactions. Purchasing can be done individually or by school purchase orders.



# 5. MISHICOT AGRISCIENCE

Designed by Mishicot FFA

A website that is ran by Mishicot FFA in which the agriculture teacher outlines the lessons and resources used on a weekly basis for educators to use on a realistic timeline for multiple course topics.

## How does it align with AFNR standards?

Mishicot includes a sequence of lessons per course. This website separates resources by course topic. This resource includes curriculum among a variety of topics within the AFNR pathway. These include but aren't limited to: SAE, Animal Science, Plant Science, Food Science, Veterinary and much more.



## What's included?

Each course organizes material by listing the sequence the instructor uses the resources. Each course had a weekly tab that includes specific materials for that topic of the week.

- Video links
- Articles
- Power-points
- Formative Assessments
- Lab Activities

## How to get it?

The curriculum resources are available online at [www.miscottffa.org](http://www.miscottffa.org). All materials are free and can be accessed at anytime.

### Large Animal Science

**On-Going Resources:** Kitchen Table Discussion Rubric (Word) Animal Parts ID (GSlides). WOD (GSlides). Animal Breed ID Practice (GSlides) Animal Breed Quizlet (Link) Virtual Tours (Link). Livestock Breeds Video (Link). Fecal Float (Link). Virtual Learning Zoom Room (Link).

#### Week One - 9/1-9/9 - Chapter 1 of your textbook

**Creating a Classroom Culture.** Syllabus (GDoc). Scavenger Hunt (GDoc). M&M Activity (GSlides). Intro Business Letter Template (GDocs). **3 Circle Model & Livestock Overview.** 3 Circle Model (Link). Introductory Notes (GSlides). Livestock Importance Oral Discussion (GDoc). Livestock Industry Video (iCEV).

**Animal Terminology:** Animal Terminology Chart Blank - Practice (GDoc). Animal Terminology Chart Key (GDoc). Blank Bingo Card (PDF). Quizlet Terminology Review (Link). Terminology Notes Review - FYI (GSheets).

#### Week Two - 9/12-9/16 - Chapter 1 of your textbook

**Animal By-Products:** Photos for By-Product Cards (GDoc). More than Bacon (JPG). Unit One Study Guide - Optional (GDoc). **Animal Taxonomy.** Foldable Directions (GDoc). Foldable Example (Link).

**Ag Careers** Facebook Profile Rubric (GDoc). Facebook Career Example Profile (Doc).

**Day In Life of Vet 1** (Link). **Day In Life of Vet 2** (Link).

**Biosecurity.** Biosecurity ARTIS Questions (GDoc). Biosecurity Practices (Link). Extended Biosecurity Article (Link). Biosecurity Risk Analysis (Link).

**SAE Resource.** SAE Goals (GSlides).





# 6. UF AEC AG ED RESOURCES

Led by Tre Easterly

A website designed because the "UF/IFAS Department of Agricultural Education and Communication wanted to provide resources for agriculture teachers who want support in creating variation in their online lessons."

## How does it align with AFNR standards?

The curriculum resources are separated by agriculture courses recognized by Florida DOE. All lessons correlate with one or multiple Florida State Standards. Main standards recognized are within the topics of Animal Science, Food Science, Biotechnology, SAE, Plant Science and much more.

## What's included?

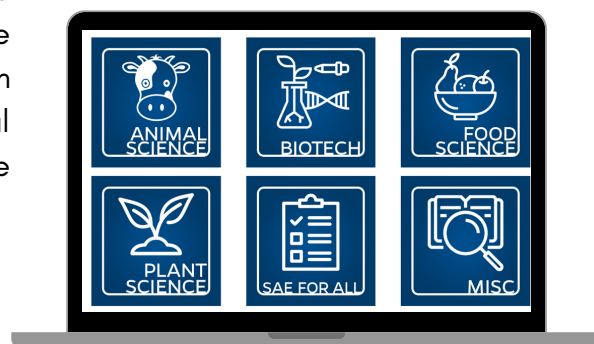
Each resource is connected to a main topic. Then the lesson listed with a title and a brief summary of what it covers.

Materials linked include:

- Lesson Plans
- Lab Outlines
- Formative Assessments
- Project Outlines with Rubrics
- Video Field Trips
- Links to other resources

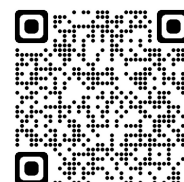
## How to get it?

Although this website was made for online education, most lessons can also be used inside the classroom. All resources are linked for free to all necessary documents for the teacher to implement the lesson. Everything can be found at <https://aec.ifas.ufl.edu/resources/ag-teachers/#d.en.786525>



### ANIMAL SCIENCE

- **Agriculture Promotional Poster:** Creating a promotional poster can combine aspects of content related to agriculture courses and design principles. This assignment was created for an animal science course but could be modified for any discipline.
- **Anatomy of a Pig:** This worksheet guides students through learning terminology and location of various parts of the pig.
- **Animal Accidents:** This assignment is designed to have students examine various risk factors related to working with animals in a veterinary setting.
- **Animal Byproducts:** This webquest guides students' exploration about animal byproducts, how they are developed and how they are marketed.
- **Animal ID Practices:** Worksheets included guide students through practice for ear notching pigs and other animal ID practices.
- **Animal Science Distance Learning Grid:** This learning grid provides multiple choices for assignments related to animal science. Learning grids can be used to give students options for their learning or assigned as individual assignments to engage students over multiple weeks. (Natalie Ferand, FL)
- **Animal Science Terms Letter Writing:** This assignment provides a creative way for students to apply their knowledge of animal science terms by writing a letter to their parents, persuading them to be allowed to raise a pig.
- **Artificial Insemination:** This resource provides a link to an EDIS publication related to artificial insemination and provides some questions for the worksheet.
- **Canine and Feline Handling:** Safely handle and restrain dogs, cats, and other animals for exams, procedures, and treatment to prevent undue stress or harm to either animals or humans. This assignment provides an overview on how to handle animals safely.
- **Careers in Animal Science:** This worksheet guides students through the agriculture career explorer website to examine various animal science careers.



# 7. AGEXPLORE

Designed by National FFA

"AgExplorer is a robust, comprehensive career resource to help you explore the broad range of careers within the industry of agriculture"

## How does it align with AFNR standards?

The resources are focused on careers in the agricultural industry. This is a way to allow students in every agricultural classroom to get linked with a potential career. This resource reaches to standards in Animal Science, Agriscience Foundations and Plant Systems.



## What's included?

Each resource is connected to a main topic. Then the lesson listed with a title and a brief summary of what it covers.

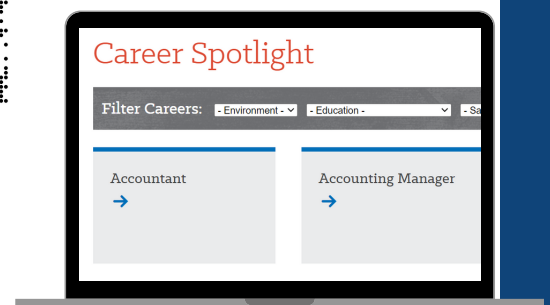
Materials linked include:

- Implementation guide
- Lesson Plans
- Worksheets
- Career Quiz
- Career Profiles
- Virtual Field Trips
- Educational Videos



## How to get it?

This website is completely free and can be accessed at <https://agexplorer.ffa.org/Resources>. Students can access this website individually or educators can download PDF lesson plans and guides.





# 8. AG TEACHER SHARE

Designed by Ag Teacher Share on Facebook

Ag Teacher Share is a google drive that Agricultural educators around the country can upload and share educational resources and curriculum that they have created to be utilized in other agriculture programs

## How does it align with AFNR standards?

The resource is used by Agricultural Educators around the country. Meaning, anything curriculum in the AFNR pathway is represented in the google drive. However, each resource is organized into different folders based on the course and topic.



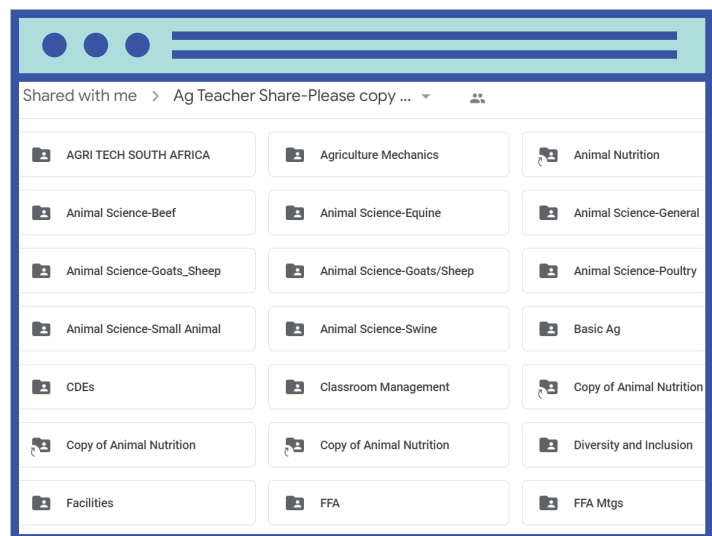
QR Code to request access

## What's included?

Each resource is labeled and located in the appropriate folder for the topic.

Things in the google drive include:

- Educational Articles
- Lesson Plans
- Worksheets
- Labs
- Power-points
- Teacher Guides
- Virtual Field Trips
- Educational Videos



## How to get it?

The google drive is free to use, however you must have a google drive account as well as request access from the Facebook page. *Ag Education Discussion* page is the main host, and all educators have the ability to post questions and documents to the page and drive.



QR Code to Ag Teacher Share Facebook Group

# 9. NATIONAL AGRICULTURE IN THE CLASSROOM

Managed by Utah State University

"National Agriculture in the Classroom supports state programs by providing a network that seeks to improve agricultural literacy — awareness, knowledge, and appreciation — among PreK-12 teachers and their students."

## How does it align with AFNR standards?

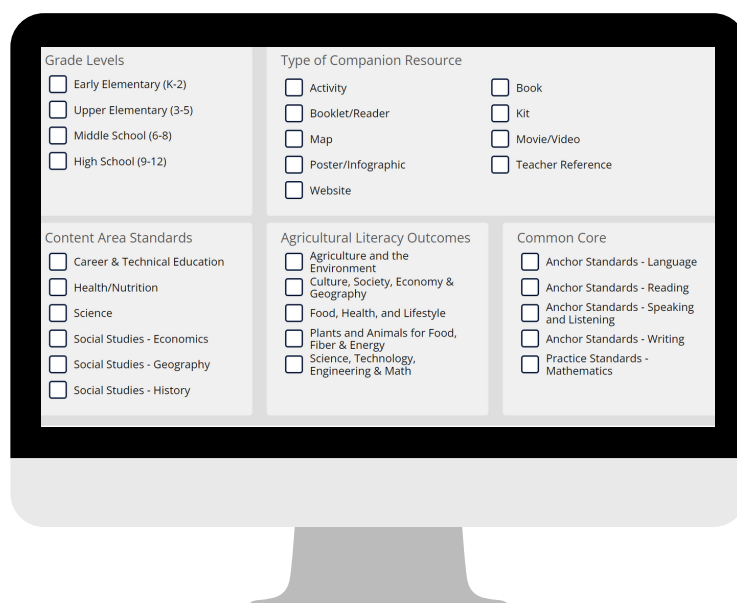
This website includes lessons among each AFNR pathway as well as covers material to educate each grade level K-12 on various topics.



## What's included?

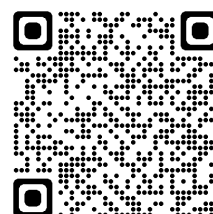
It is very easy to search for a lesson that fits exactly what the instructor needs. Since this is focused on Ag literacy, most of the content includes in depth lessons.

- Detailed lesson plans
- Educational Labs
- Formative assessments
- Infographics
- Video Demonstrations
- Background Agriculture Connections
- Film and Educational Video Links
- Companion Resources



## How to get it?

This website is supported by the USDA and NIFA to bring relevant and reliable content into the classroom. Each resource is at no cost and educators can access at anytime.



# 10. NATIONAL FFA EDUCATOR RESOURCES

Managed by National FFA Association

National FFA Organization promotes premier leadership, personal growth and career success through agricultural education. National FFA provides resources to help assist educators with this mission inside and outside of the classroom.

## How does it align with AFNR standards?

This page is a branch from the National FFA Website. Each lesson enhances the learning in many different school-based agricultural education programs middle or high school.

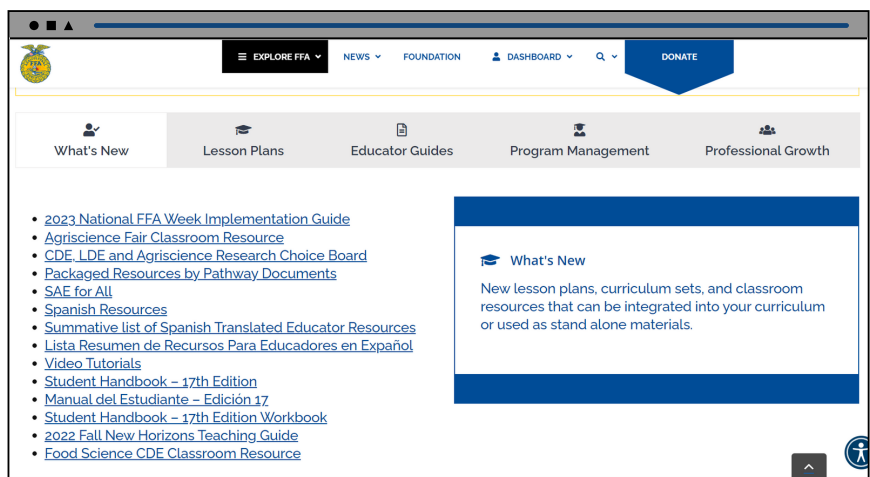
## What's included?

National FFA includes materials that could be included in the classroom as well as to benefit the school-Based Agricultural Education Program as a whole. Resources include but aren't limited to:

- Detailed lesson plans
- Implementation Educator Guides
- Spanish Resources
- Program Management
- Bell Ringers
- Virtual Fieldtrips
- Current Events
- SAE Planning

## How to get it?

This website has a main hub where educators can click or search for exactly what they need. All resources can also be found in the FFA box which is organized by topic. Each resource is free and can be accessed in word or pdf format.



QR Code to FFA box of lesson plans



QR Code to Educator Resource Page



# 11. GEORGIA AGRICULTURAL EDUCATION

Designed by Georgia FFA



"Georgia's Agricultural Education is composed of over 65,000 Agricultural Education students and is dedicated to providing quality agricultural education resources and education to each student for Curriculum resources and SAE Development."

## How does it align with AFNR standards?

This resource includes various resources for each grade level and each cluster in the AFNR pathways. Each resource is linked to a course and a standard based on the Georgia standards but it does correlate to Florida Standards.

## What's included?

Georgia Agricultural Education has an endless amount of material to help any agricultural educator. Each lesson is organized by topic and level as well as standard alignment.

- Detailed lesson plans for elementary, middle and high school level courses.
- Class starters
- Virtual Learning
- Substitute Teacher Resources
- Online Games

## How to get it?

Everything can be accessed for free on their website. Most lessons do link with Microsoft word to download but can be accessed on word online. Educators can search for specific needs of their classroom and course.

### Elementary Curriculum

2018 Senate Bill 330 allows for an Elementary Agricultural Education pilot program in Georgia. This link includes state approved curriculum standards. This link will include resources for elementary agricultural education teachers.

### Middle School Curriculum By Grade

This middle school curriculum is organized by grade 6-8 and includes the following resources:

- Lessons
- PowerPoints
- Supplemental resources

### High School Curriculum

Browse through over 4,000 Ag Ed lesson plans, teaching materials, lessons, presentations, quizzes and educational games. All current State Approved Agriculture Education courses can be searched by Course Names and Georgia AFNR pathways. Each link for each course includes Course Standards, Lesson plans, slideshows, and supplemental materials when available.

### Class Starters

The Class Starters are a great way to introduce a new topic to your class as well as provide real-world examples of

### Search by Courses

Complete Course List

### Search by Cluster

Animal Science

Agricultural Mechanics

Diversified Agriculture

Food Science

Forestry/Natural Resources

Plant Science/Horticulture

### Animal Science (AS)

Georgia Ag Ed curriculum includes the following content from the AS pathway (choose one):

#### Pathways

[Ag Leadership in Animal Production](#)

[Animal Production & Processing](#)

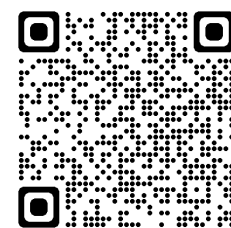
[Animal/Med](#)

[Companion Animal Systems](#)

[Equine Science](#)

[Food Anima](#)

[Veterinary Science](#)



QR Code to Educator Resource Page

# 12. FLORIDA AGRICULTURE IN THE CLASSROOM

Designed by FAITC

"To be a leading collaborator and trusted provider of PreK-12 educational resources and teacher professional development programs focusing on awareness and knowledge of agriculture and natural resources in Florida."

## How does it align with AFNR standards?

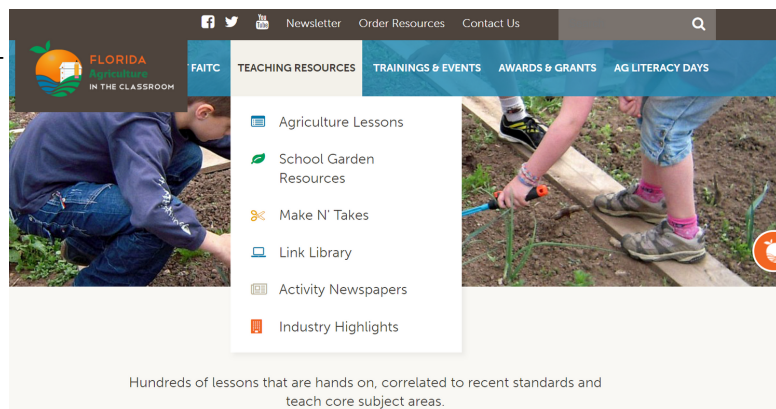
This resource correlates agricultural curriculum with core course standards. Striving to show the importance of STEM in agriculture. Most materials on this website include plant and animal systems as well as includes the standard directly targeted.



## What's included?

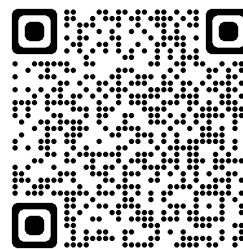
Florida Agriculture in the Classroom is a non-profit organization that strives to bridge the gap between CTE education and core course education.

- Detailed lesson plans for elementary, middle and high school level courses.
- Labs
- Power-points
- Formative Assessments
- Summative Assessments
- Industry Highlights



## How to get it?

Since this is sponsored by a non-profit organization, all resources are free to use. Each lesson can be found on their website and can be located using their search and filter application.



QR Code to Educator Resource  
Page



## 13. ANIMAL U

Designed by Iowa State University

"ANIMAL U promotes involvement in animal agriculture and allows all youth the opportunity to increase their knowledge. It also enables more young people to become involved through accessible, straightforward, and research-based information."

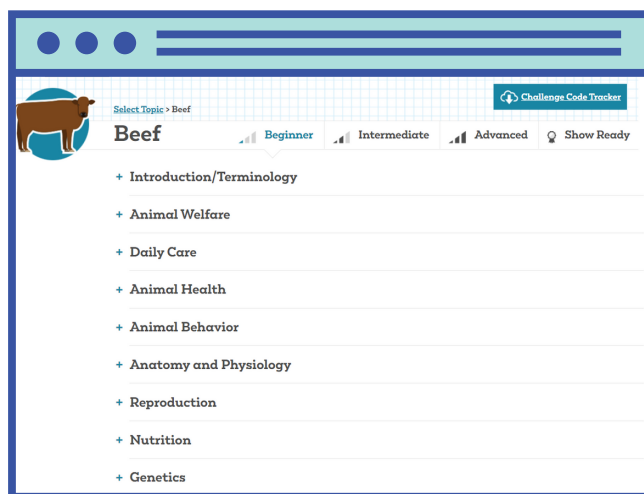
### *How does it align with AFNR standards?*

Animal U focuses on animal science and systems only. This resource covers Florida standard in the field of livestock husbandry and care. This includes Breeds, health, biosecurity, careers, industry and much more.

### *What's included?*

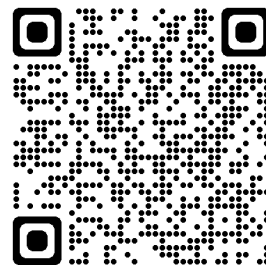
Animal U provides educators with self-paced virtual lessons in which students can follow along to visually see and understand material for each specific topic. Each video is interactive which means students have to participate in the material being presented to them in order to go to the next step in the lesson. Each video does include a transcript for students with audio disabilities. There is also a difficulty option for individualized instruction and early finishers.

Students can work through different topics and have the ability to earn a certificate when completed!



### *How to get it?*

Animal U is completely free for educators and students to use at any time.





# 14. CANVAS COMMONS

Designed by Various Ag Teachers

Canvas Commons is an educational tool connected Canvas that allows teachers to post assignments, modules, and full course curriculum for various courses and topics.

*How does it align with AFNR standards?*

The resource is includes curriculum that reaches any topic the educator needs. Specifically, in AFNR, educators can look up concepts, course names and assignments types.

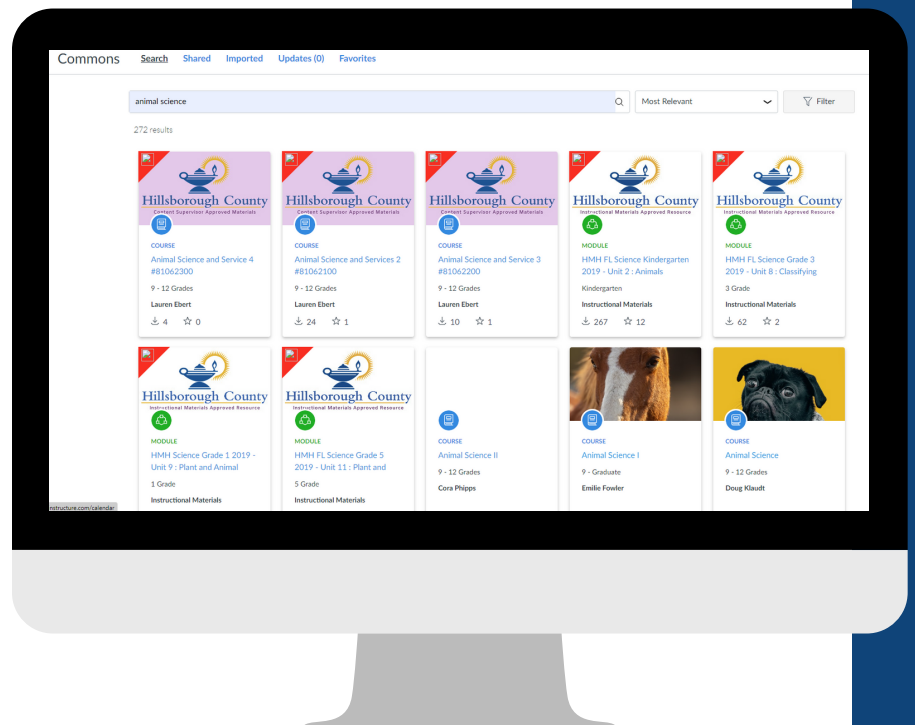
*What's included?*

There is a search bar that teachers can search for their exact needs.

- Lessons
- Modules
- Full course curriculum
- Tests
- Assignments
- Projects

*How to get it?*

The Canvas Commons is free to use with the access of a Canvas account. Once on your canvas profile there is a button on the left side that is labeled Canvas Commons. This is where a teacher can access this information.



Canvas Commons Icon

# 15. ANIMAL SCIENCE CURRICULA

Designed by University of California ANR

High quality curriculum that embodies key principles around important and timely animal science topics.

*How does it align with AFNR standards?*

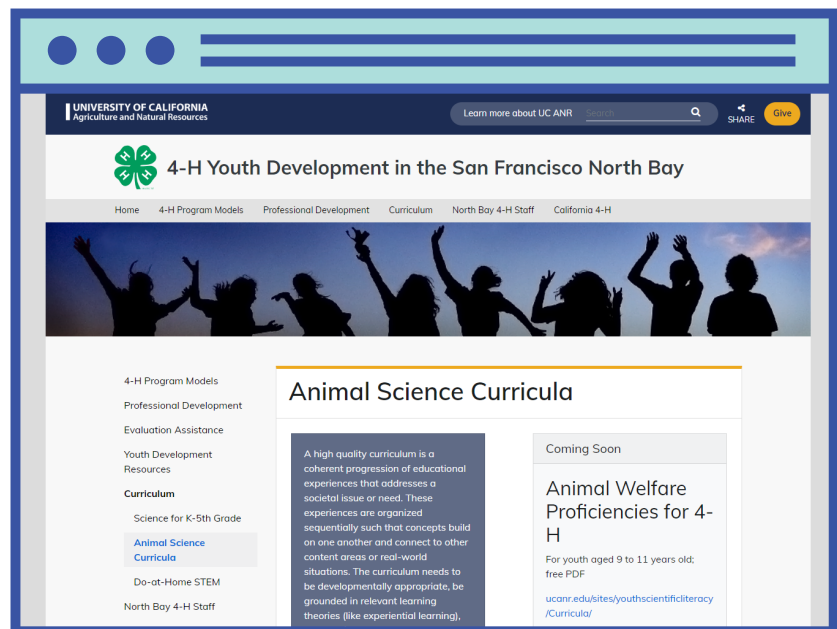
The University of California created various levels of curriculum that is designed to fit in any animal science course at the secondary level.

**UNIVERSITY OF CALIFORNIA**  
Agriculture and Natural Resources

*What's included?*

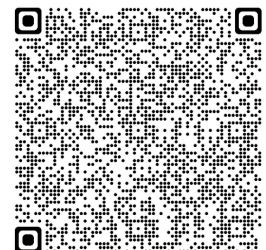
There are various bundles that are available for teachers to unitize based on the topic. These bundles include:

- Unit plans
- Lesson plan
- Concepts and Vocabulary
- Formative Assessments
- Teacher Guide



*How to get it?*

Although most resources are free, The University of California ANR website includes links to resources that are available for purchase. Teachers can pick which topics that need to be covered in class and find a pdf of a unit that covers that desired topic.



# 16. COLORADO FFA CURRICULUM

Designed by Colorado FFA

This website is in correlation with the Colorado FFA Association to provide curricular resources for educators to use in their agricultural education classrooms.



**COLORADO FFA**  
Agricultural Education

## *How does it align with AFNR standards?*

The material listed in this resource includes curriculum in plant science, animal science, agricultural business and communications. This curricular resource covers basic AFNR topics in each pathway.

## *What's included?*

Within each main topic there are links to multiple units that address the sequence of the correlating standards. Each unit has individual lesson plans, power-point notes, formative and summative assessments.

## *How to get it?*

This website is free to access and to download at any time. Educators can download the word document directly to their computer to modify and use in their classroom.

### Animal Science

The curriculum listed below is for reference purposes only. It is not up to current accessibility standards.

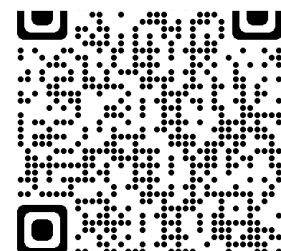
★ [Animal Science Sequencing :: Animal Science Standards](#)

- + [Unit 1: Introduction to Animal Science](#)
- + [Unit 2: Cell Structure and Function](#)
- + [Unit 3: Anatomy and Physiology](#)
- + [Unit 4: Reproduction and Genetics](#)
- + [Unit 5: Feeds, Nutrition and Digestion](#)
- + [Unit 6: Animal Health and Disease](#)
- + [Unit 7: Animal Behavior and Environment](#)

### Plant Science

★ [Life Science / Plants Sequencing :: Plant Standards](#)

- + [Unit 1: Introduction to Plant and Soil Science](#)
- + [Unit 2: Plant Cells](#)
- + [Unit 3: Plant Physiology and Growth](#)
- + [Unit 4: Plant Reproductions and Genetics](#)
- + [Unit 5: Environmental Factors](#)
- + [Unit 6: Soils](#)
- + [Unit 7: Soil Management](#)
- + [Unit 8: Plant Science Technology](#)





# 17. SHOP 4-H

Designed by National 4-H

National 4-H supply service provides resources for any Agricultural Educator teaching any Agriculture course at any level. This website assists in providing teachers with structure and reliable curriculum.

*How does it align with AFNR standards?*

This website has multiple resources that cover topics in all agriculture, food, and natural resource pathways. Each resource is aligned with a national and/or state standard.



*What's included?*

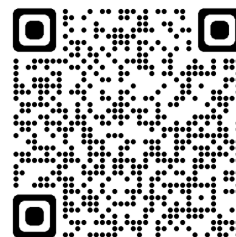
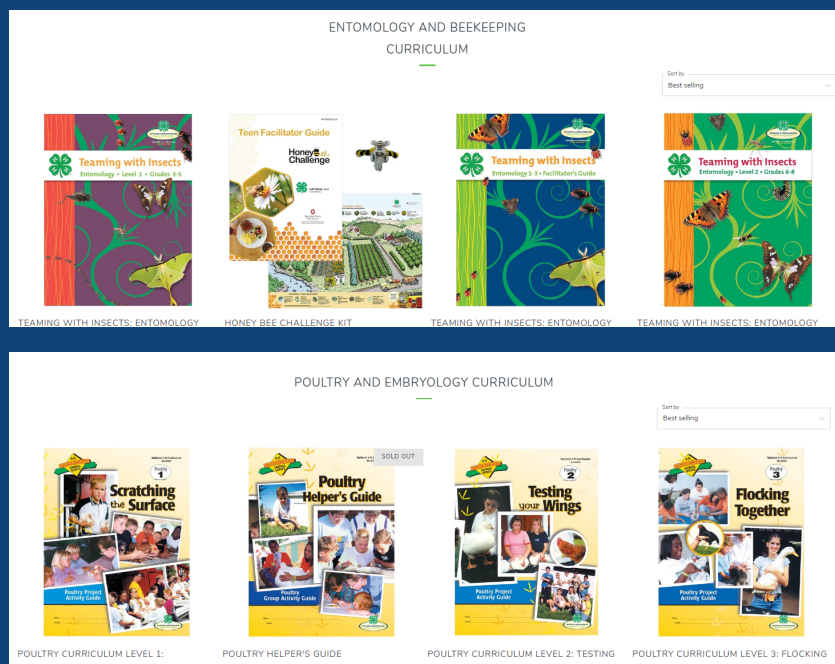
Each material varies with its components due to the needs of the teacher.

However, content bundles may include:

- Facilitator Tips
- Concepts and Vocabulary
- Background Information
- Student Activities
- Formative Assessments

*How to get it?*

This website has great resources, but they do come at a cost. There are few materials that are free, most cost from \$2-\$60. After purchasing the materials, they arrive in both print and a downloadable pdf.



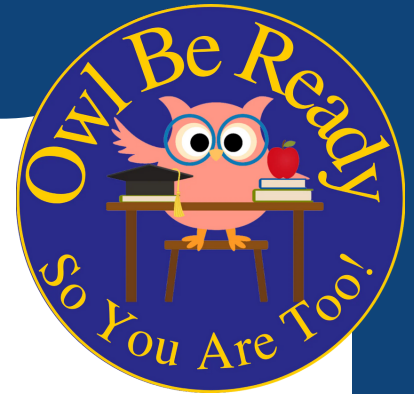
# 18. OWL BE READY

Designed by Meredith Arrington

"To provide quality lesson plans, that are current with AFNR standards, learning targets, & success criteria. Our material is 100% digital to meet today's educational needs!"

## How does it align with AFNR standards?

As this website is newly published, there is a lack of material that represent each of the AFNR pathways. The material available focuses on FFA, employability, motivation, farm and food safety.



## What's included?

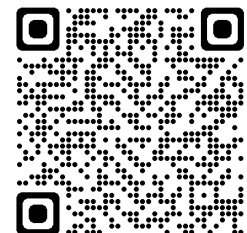
This website focuses on creating useful materials that can vary from the following:

- Complete units
- Substitute lessons
- Starter packs
- Single day lessons and worksheets
- Holiday themed lessons
- Motivation Mondays

## How to get it?

This website is a newly published resource that has yet to accumulate an abundance of curriculum, however, the material that is available comes as a digital download that is either free or for a small fee.

A screenshot of a website titled "High School FFA: Complete Unit". It features a yellow background with a blue sunburst icon containing the word "FREE". A list of resources includes: "Aligned with Georgia Standards (AFNR)", "GOOGLE BASED!", "Daily Learning Targets/Success Criteria", "Daily Warmups", "Power Point with Owl Annotations", "Student Worksheets", "Hands-on Activity/Lab &amp; Google Form Grading Rubric", "Terminology &amp; Quiz (Google Form, self-grading)", and "Test Review &amp; Test (Google Form, self-grading)". To the right is a sign-up form for the "UNIT: FFA" with fields for "Email" and "Valid email". Below the list is a table for "FFA Emblem Activity" with columns for "Materials", "Learning Target", and "Success Criteria". The table includes a section for "4Cs Incorporation" with a "Creativity" target. At the bottom, there are images of a cow, a goat, and a pig, along with a "The National FFA Organization" logo.



# 19. THE RESOURCE BARN

Designed by Zana Dejong and Alyson Lister

"Believing strongly in the future of agriculture and the leaders produced through agricultural education, the Resource Barn was founded to be just that, a resource for the front lines. "

## How does it align with AFNR standards?

As this website incorporates a broad range of topics from plant science to animal science to agricultural mechanics, to FFA and leadership training.

## What's included?

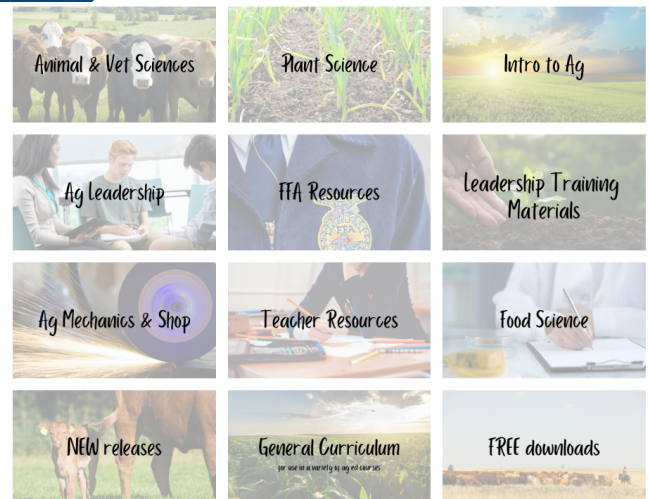
This website includes:

- Parent Letters
- FFA Officer Training Boxes
- POA Chapter Planning
- Teacher Professional Development Tips
- Individual Lessons
- Digital Notebook Units
- Classroom Management Tips
- Breakout Boxes
- Approved Classroom Videos
- Unit Plans

## How to get it?

The resources available online at the [theresourcebarn.com](http://theresourcebarn.com). Most materials are available for a fee ranging from \$1-\$200 which depends on the specific product. However, there are free resources that teachers can download onto their computer.

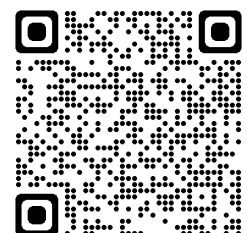
## The Resource Barn



Packed for Success: A  
Breakout Activity  
\$35.00



FFA Officer Application  
\$4.00





# 20. SAM HOUSTON STATE

Designed by SHSU Ag Education Department

" This website is to serve as a repository of resources to aid teachers whom have completed the professional development for Advanced Animal Science and Advanced Plant & Soil Science."

## *How does it align with AFNR standards?*

As this resource focuses on animal science, ecology management, floral design, forestry, plant and soil science.



Sam Houston  
State University

## *What's included?*

This website includes:

- Lessons
- Activities
- Labs
- Evaluations/Exams
- Power-point aids
- Handouts
- Teacher Guides
- Videos
- Notesheets
- Scope and Sequences

### Agricultural Curriculum

Advanced Animal Science Curriculum

Advanced Plant & Soil Science Curriculum

Equine Science

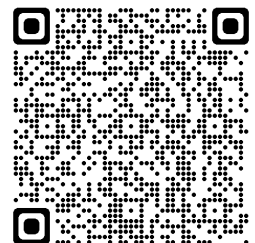
Wildlife, Fisheries, & Ecology Management

Forestry & Woodland Ecosystems

Principles & Elements of Floral Design

## *How to get it?*

The resources is completely free and can be accessed at anytime on the website. Files can be downloaded directly either in pdf or word format.



# 21. KANSAS CENTER FOR CTE

Designed by Pittsburg State University

"These resources allow CTE instructors to collaborate and share educational resources with others within the same occupational area. Resources may include lesson plans, classroom management tips, and organizational tools."

*How does it align with AFNR standards?*

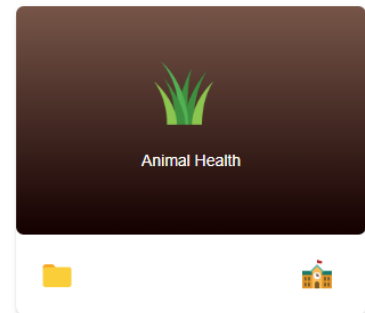
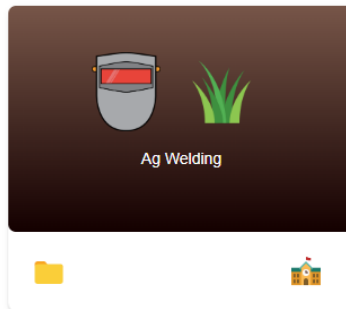


As this website has resources that educators have uploaded and created based on leadership, horticulture, welding, FFA, animal health and food science.

*What's included?*

This website includes:

- Lessons
- Complete Course Materials
- Rubrics
- Student Assessments
- Online Instruction
- Learning Strategies
- Tutorials
- Videos
- CDE Resources

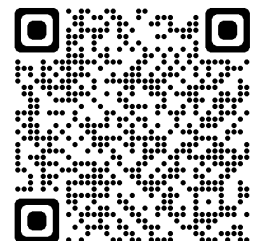
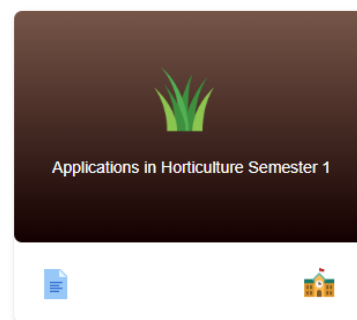


## Materials

- > **U1 Professions of Animal Health** 18 Days (45 minute class periods)  
Students will learn about careers in animal health, create a résumé, and a cover letter. Students will also learn interview skills and experience a mock interview.
- > **U2 Veterinary Terminology** 21 Days (45 minute class periods)  
Students will learn how to define common Greek and Latin roots, prefixes, and suffixes. Students will also learn to identify common terminology and abbreviations used in veterinary practices.
- > **U3 Practice Management** 12 Days (45 minute class periods)  
Students will become familiar with the inner workings of a veterinary clinic. Such as scheduling, records, proper communication, and animal restraint.
- > **U4 Anatomy and Physiology** 28 Days (45 minute class periods)  
Students will learn to identify the anatomical parts of a cat and dog, directional terminology, cell structures, and parts and function of the skeletal system. Students will also learn about the functions of the muscular system, respiratory system, and the circulatory system. Lastly, students will dissect and identify structures of mammalian organs.

*How to get it?*

An educator can gain full access to content once they create an educator account. All materials can be accessed as a word document or pdf file.



# 22. KIDS SONDER AG UNBOXED

Designed by Heather Cassill

" Our mission is to empower and inspire kids to learn about the relationship between food, agriculture and the environment, while introducing fact-based agriculture information with fun, hands-on agriculture science education and STEM activities for different styles of learning."

## How does it align with AFNR standards?

This website was designed to aid learning in each AFNR pathway; however it focuses on animal science, meat science, natural resources, and horticulture.

## What's included?

This website includes:

- Lesson Plans
- Educational Books
- Lab Activity Packs
- Classroom Kits
- Printable Guides
- Flashcards
- Subscription Boxes
- Crafts
- Online Resources

## How to get it?

All resources available come with a hands-on learning kit to assist with student learning. Resources range from \$10-\$60. Subscription boxes range around \$50. Payment can be made individually or through a school account.

LESSON & STATION DESCRIPTIONS



BUDGET WORKSHEET



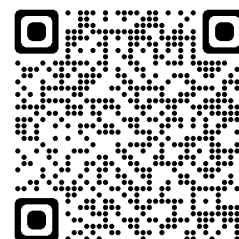
STATION CARDS



ACTION CARDS



KIDS  
Sonder



# 23. CLASSROOM FRIENDLY WEBSITES

**QUIZIZZ**



**Gimkit**



flippity



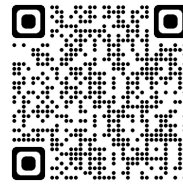
**Baamboozle**



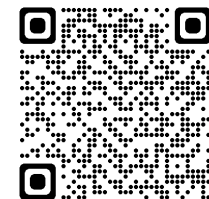
**Kahoot!**



**Blooket**



**Quizlet**



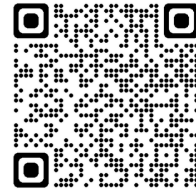
**Quizalize**



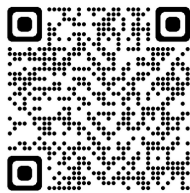


# 24.CLASSROOM FRIENDLY WEBSITES

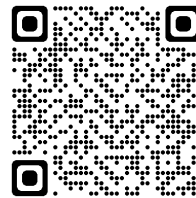
factile



*Review Game Zone*



Bouncy Balls



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