



SCIENCE LEARNING CLUB

APPLES COMPLETE UNIT

PARTS OF AN APPLE: Match the picture to the word!

skin core stem

LIFE CYCLE OF AN APPLE

The apples will grow into juicy fruits that are ready for picking! The apples contain seeds that are used to grow more apple trees!

© Little Patches Learning Club

APPLES Centers Overview

Center 1: Apples Unit Puzzles

Cut the 20 2-piece puzzle images. Play a matching game and discuss vocabulary words.

Center 2: Making Caramel Apples

Use the ingredient procedure, journal labels to make a center!

Center 4: Diagram

I Love Apples

Apples hanging on a tree,
Some for you, and some for me!
I take a bite,
Ooh, what a delight!

All About Apples

APPLE INVESTIGATION

Teacher Guide

Apple Investigation

The best way to learn about apples is to use our 5 senses to investigate the ins and outs of an apple.

Discussion Questions

PRINT & DIGITAL RESOURCES

A COMPLETE & EASY-PREP **APPLES UNIT** BUNDLE WITH PRINT & DIGITAL RESOURCES!

EVERYTHING YOU NEED IS HERE!

INCLUDED COMPONENTS

Digital Lesson Presentation

Digital Activities

Posters & Flashcards

Print Worksheets

Foldable Mini Book

Center Activities and Center Mats

Investigation Sheets and Experiments

Science Poems

Science Crafts

Assessments & Exit Tickets with Answer Keys

Overview

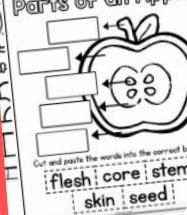
presentation to

Life Cycle,
in Every Season



Date: _____ Name: _____

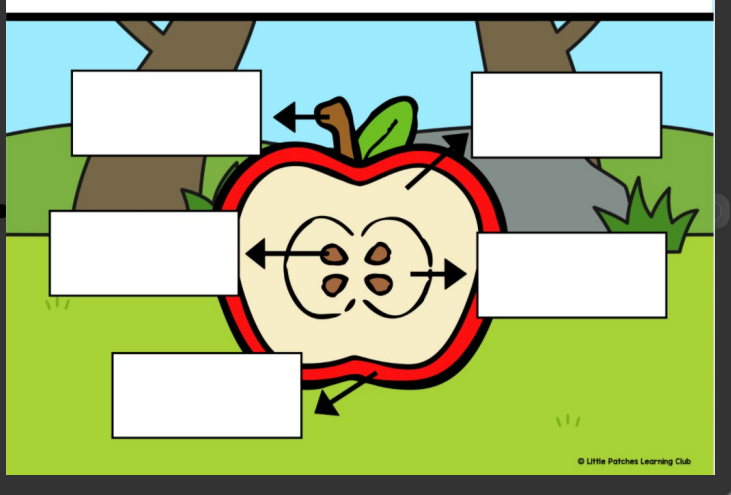
Parts of an Apple



All About A



PARTS OF AN APPLE: Drag the words into the boxes!

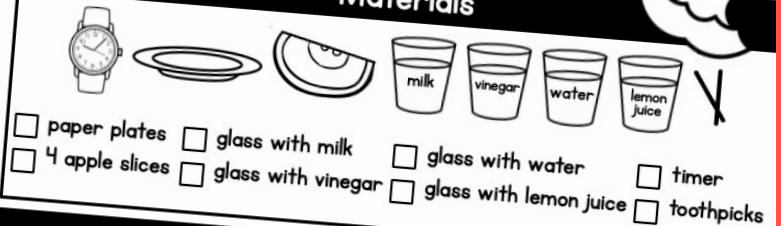


All About Apples

APPLE OXIDATION

Teacher Guide

Materials



Directions

1. Label the paper plates and glasses with each type of liquid you are using.
2. Add just enough liquid in each glass to coat a slice of apple.
3. Add a slice of apple into each glass.
4. Set the timer for 1 minute.
5. After a minute, use a toothpick to transfer the slices into paper plates.
6. Set the timer for 10 mins, 30 mins and 1 hour. Record your observations for each length of time.
7. Record which liquids kept the apple slices from browning.

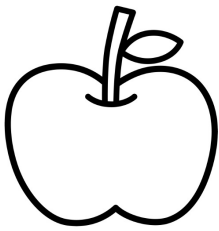
AN OVERVIEW OF INCLUDED COMPONENTS

APPLES Unit Overview

- Centers & Center Mats
- Apple Puzzles
- Caramel Apple Making
- Sorting Apple Colors
- Life Cycle & Parts
- Matching Sentences
- Apple Playdoh Mats
- Apple Investigation
- Apple Oxidation Experiment

SCIENCE Learning Club

ALL ABOUT APPLES



Overview

Apple Slides Presentation to APPLES:

- 1) Apple Life Cycle
- 2) Apples in Every Season
- 3) Parts of an Apple
- 4) Sorting Apples

Use the foldable mini book to supplement learning about apples.

Let's use our 5 senses to describe the apple!

smell

taste

touch/texture

ALL ABOUT APPLES

Let's talk about **APPLES!**

IN EVERY SEASON

SPRING

In spring, buds on the branches of the trees begin to form and turn into blossoms.

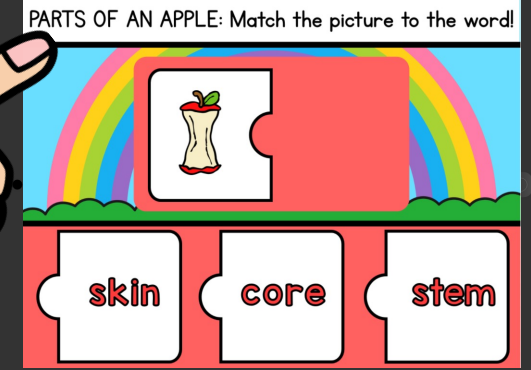
Cover & Overview

Digital Presentations

APPLE LIFE CYCLE: STAGE 2 - SPROUT STAGE


With water and sunlight, the seeds grow into sprouts. Help the farmer drag the watering can over the seeds!

PARTS OF AN APPLE: Match the picture to the word!

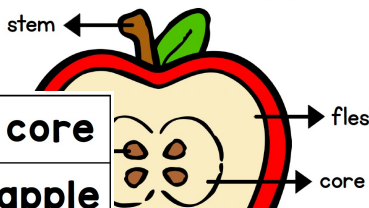


skin core stem

Apple Life Cycle



Parts of an Apple



seed	core	flesh
stem	apple	core
skin	blossom	apple juice
flesh	bud	apple pie
apple tree	apple cider	apple sauce
caramel apple		

Name: _____ Date: _____

Parts of an Apple

Complete the diagram by cutting and pasting the pictures.

Name: _____ Date: _____

Place the words into the correct boxes!

Apple Life Cycle

Label and describe each stage in the diagram.

	Stage 1
	Stage 2
	Stage 3
	Stage 4
	Stage 5

Describing Apples

Use your five senses to describe an apple!

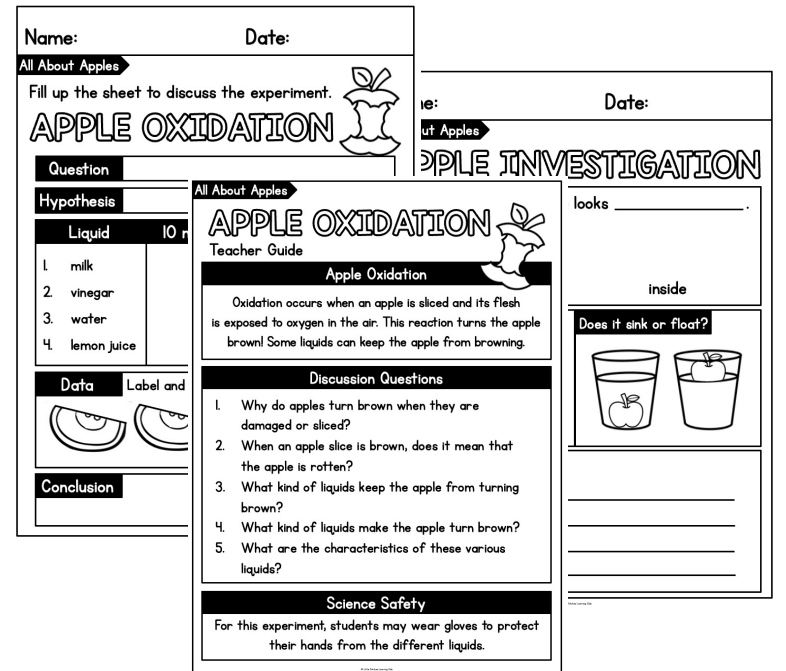
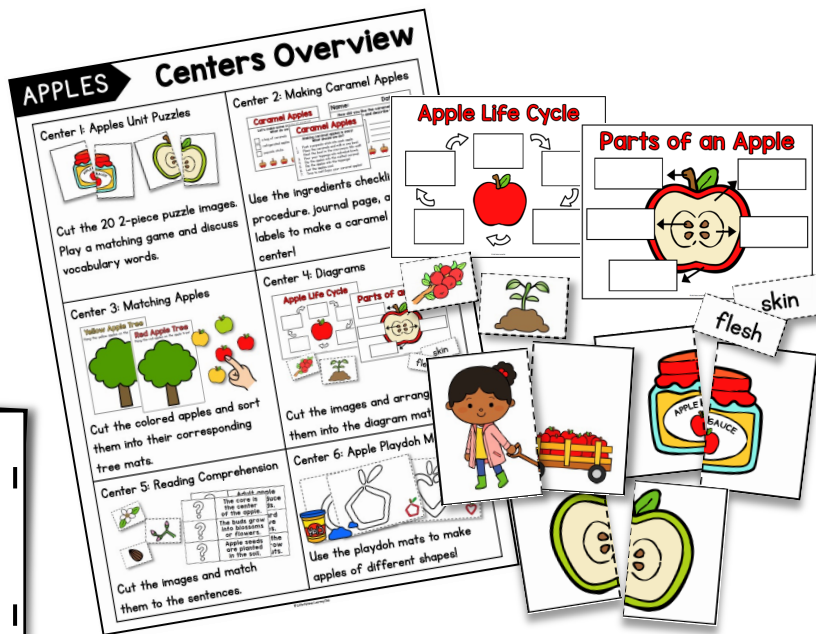
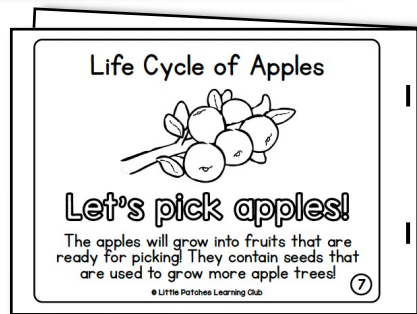
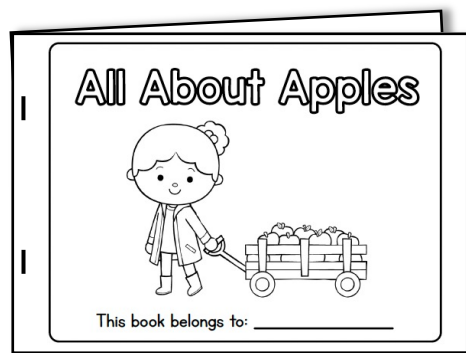
	The apple looks...
	The apple sounds...
	The apple smells...
	The apple tastes...
	The apple feels...

Digital Activities

Posters & Flashcards

Worksheets

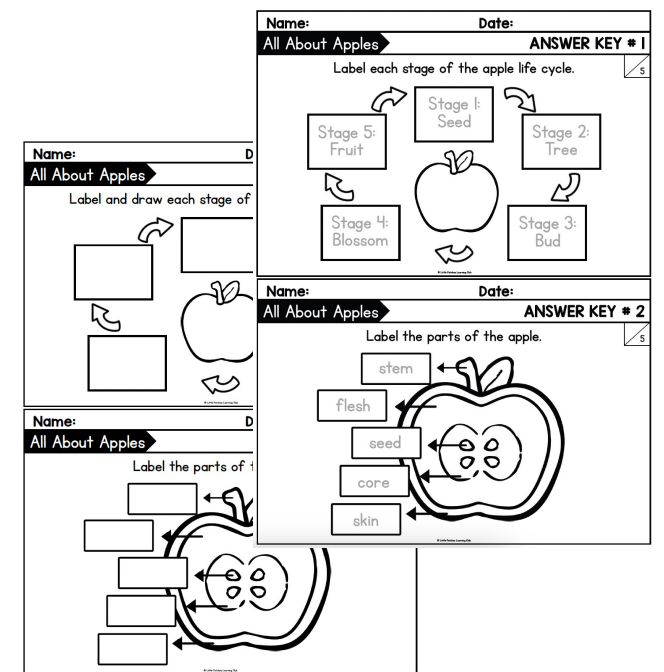
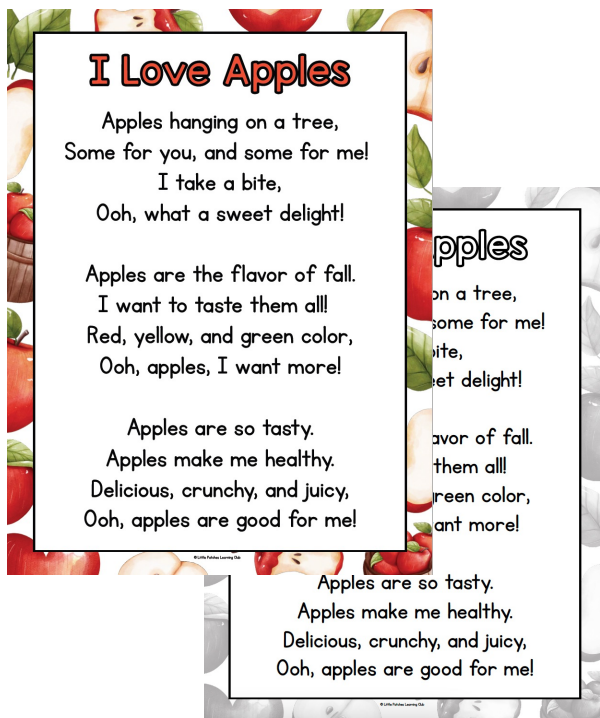
Let's describe apples • Apple Facts Life Cycle • Parts of an Apple • Apples in Season



Mini Books

Center Activities

Investigation / Experiments



Science Poems

Arts & Crafts

Assessments

COVER & OVERVIEW

This unit begins with a comprehensive unit overview that teachers may use to maximize all the resources in this bundle. The overview provides the following: objectives, list of resources, teaching guide, & teaching suggestions.

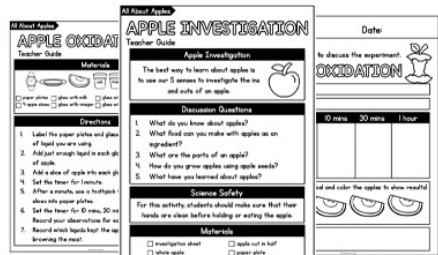
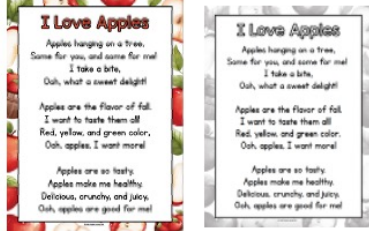
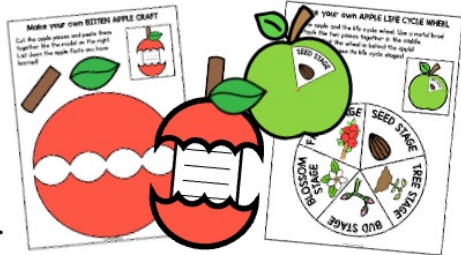
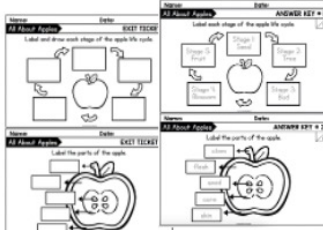
UNIT BUNDLE

SCIENCE
Learning

ALL ABOUT
APPLES

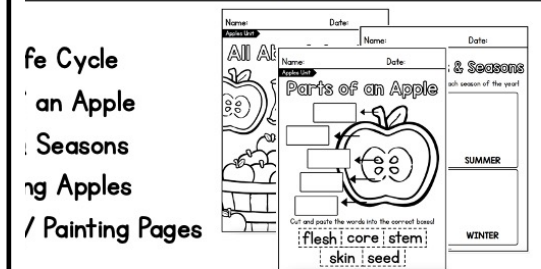
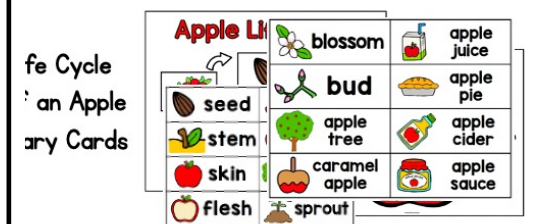
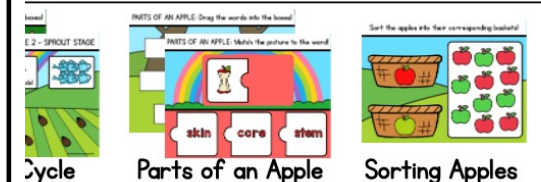
APPLES

Unit Overview

Centers & Center Mats	<ul style="list-style-type: none"> - Apple Puzzles - Caramel Apple Making - Sorting Apple Colors - Life Cycle & Parts - Matching Sentences - Apple Playdoh Mats
Investigation & Experiment	<ul style="list-style-type: none"> - Apple Investigation - Apple Oxidation Experiment 
Science Poems (colored & BW)	<p>Use the poem to reinforce learning about apples!</p> 
Science Crafts	<p>Create your own Bitten Apple Craft and life cycle wheel as culminating activities for this unit.</p> 
Assessment & Exit Tickets	<p>Evaluate your student's progress using the assessment sheets or exit tickets with answer keys.</p> 

Unit Overview

PowerPoint/Google Slides Presentation to use for lesson on APPLES:
 1) All About Apples, (2) Apple Life Cycle, (3) An Apple, (4) Apples in Every Season



Apple mini book for learning about




DIGITAL PRESENTATION

The NO PREP lesson slideshow in PowerPoint/Google Slides are carefully designed to provide detailed introductions or explanations and explicit examples of each subtopic. The slideshow presentation may include

real photos, group review, colorful slides, editable slides, and fun facts!


ALL ABOUT APPLES



Let's talk about **APPLES!**

© Little Patches Learning Club

LIFE CYCLE OF AN APPLE



The buds in an apple tree grow into beautiful blossoms or flowers. The blossom attract bees! These blossoms will turn into fruits with the help of bees.

PARTS OF AN APPLE

THE SKIN

outer apple. prolongs life!

PARTS OF AN APPLE

THE FLESH

prolongs life!

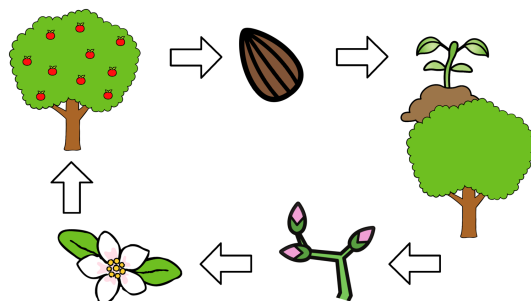
Let's use our 5 senses to describe the apple!

LIFE CYCLE OF AN APPLE


Stage 5:

Fruit

LIFE CYCLE OF AN APPLE



Let's use our 5 senses to describe the apple!



sound
smell
taste
touch
texture

There are more than 7,500 varieties of apples.



PARTS OF AN APPLE

THE FLESH

APPLES IN EVERY SEASON



SPRING

In spring, buds on the branches of the trees begin to form and turn into blossoms.

DIGITAL ACTIVITIES & GAMES

This unit includes supplemental digital activities in Google Slides. The digital activities are designed to reinforce skill targets and are made to be interactive, enjoyable, and unique! Do them together in class or assign the activities for individual work/ take home work!

APPLE LIFE CYCLE: Drag the images into the boxes!

© Little Patches Learning Club

APPLE LIFE CYCLE: STAGE 2 - SPROUT STAGE

With water and sunlight, the seeds grow into sprouts. Help the farmer drag the watering can over the seeds!

© Little Patches Learning Club

PARTS OF AN APPLE: Match the picture to the word!

APPLE LIFE CYCLE: STAGE 3 - BUD STAGE

As the trees grow, buds start to appear on the branches. Drag the letters to spell the word "bud".

skin

Sort the a

© Little Patches Learning Club

POSTERS & FLASHCARDS

The 8-page colored + BW posters and flashcards included in this unit may be used as:

Anchor Charts

Bulletin Boards

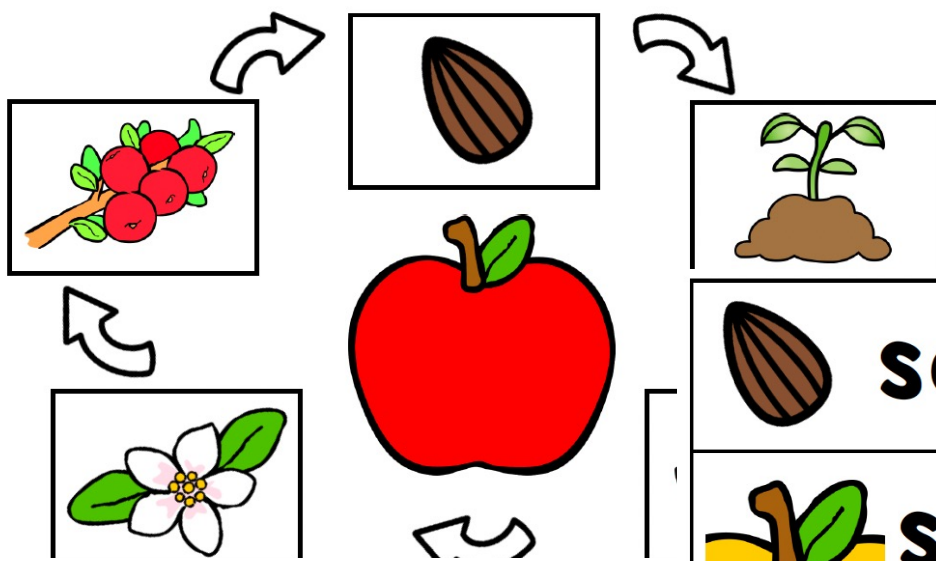
Science Center Display





Vocabulary Practice

Classroom Décor

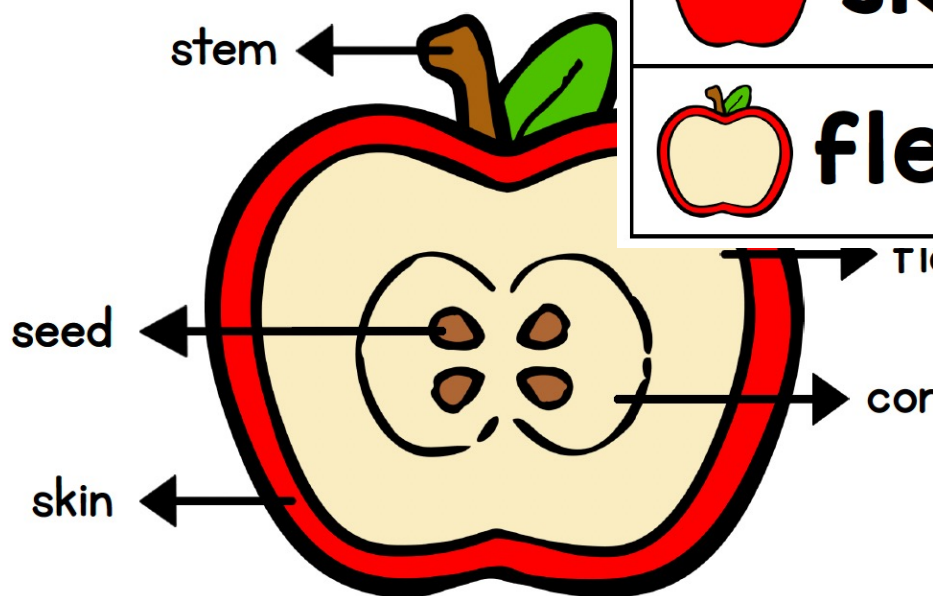
Group & Individual Review





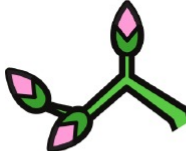

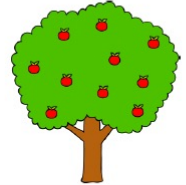

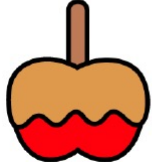

Apple Life Cycle



	seed		core
	stem		apple

Parts of an Apple



	skin		blossom		apple juice
	flower		bud		apple pie
			apple tree		apple cider
			caramel apple		apple sauce

PRINTABLE WORKSHEETS

This science unit contains 7 printable worksheets that focus on apple facts and vocabulary.

The activities are designed to help students practice and review the given science lesson in an engaging way. The worksheets go hand-in-hand with the digital lesson slides.

Worksheet 1: Parts of an Apple
Name: _____ Date: _____
Apples Unit
Parts of an Apple
[Diagram of an apple with blank boxes for labeling]

Worksheet 2: Apple Life Cycle
Name: _____ Date: _____
Apples Unit
Apple Life Cycle
Label and describe each stage in the apple life cycle!

	Stage 1
	Stage 2
	Stage 3
	Stage 4
	Stage 5

Worksheet 3: All About Apples
Name: _____ Date: _____
Apples Unit
All About Apples
[Illustrations of various apple types]

Worksheet 4: Apple
Name: _____ Date: _____
Apples Unit
Apple
Complete the diagram!
[Diagram of an apple with blank boxes for labeling]

Worksheet 5: Apple Trees & Seasons
Name: _____ Date: _____
Apples Unit
Apple Trees & Seasons
Draw an apple tree for each season of the year.





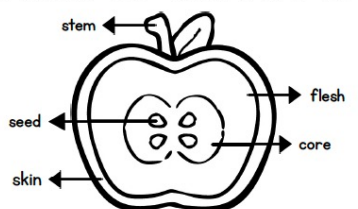
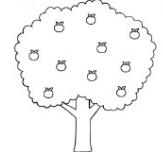


SPRING	SUMMER
FALL	WINTER

Worksheet 6: Describing Apples
Name: _____ Date: _____
Apples Unit
Describing Apples
Use your five senses to describe an apple!


	The apple looks...
	The apple sounds...
	The apple smells...
	The apple tastes...
	The apple feels...

NO PREP MINI BOOK

A one-page foldable mini book about APPLES is included in this unit to engage students in a creative way! The mini book may be used for independent practice, homework, and many more! Easy-to-follow instructions are provided.


<p>Life Cycle of Apples</p>  <p>Let's pick apples!</p> <p>The apples will grow into fruits that are ready for picking! They contain seeds that are used to grow more apple trees!</p> <p>© Little Patches Learning Club 7</p>	<p>All About Apples</p>  <p>This book belongs to: _____</p>
<p>Life Cycle of Apples</p> 	<p>Life Cycle of Apples</p> 
<p>PARTS OF AN APPLE</p>  <p>An apple is comprised of many parts. It typically has a stem, skin, flesh, core, and seeds.</p> <p>1</p>	<p>Life Cycle of Apples</p>  <p>Stage 5: Fruit</p> <p>The bees help transfer pollen from one flower to another. Once the flowers are pollinated, they will turn into apples!</p> <p>6</p>
<p>Life Cycle of Apples</p>  <p>Stage 2: Tree</p> <p>With enough sunlight and water, the seeds on the ground will grow into sprouts that will eventually turn into big apple trees!</p> <p>3</p>	<p>Life Cycle of Apples</p>  <p>Stage 3: Bud</p> <p>It takes a long time to grow apple trees. Once an apple tree is fully grown, it will begin to produce little buds.</p> <p>4</p>

All About Apples



This book belongs to: _____

Life Cycle of Apples



Let's pick apples!

The apples will grow into fruits that are ready for picking! They contain seeds that are used to grow more apple trees!

© Little Patches Learning Club 7

CENTERS & CENTER MATS

This unit contains a total of **SIX** hands-on center activities to reinforce what students have learned from the whole group instruction. An overview of each activity is included to help teachers prepare all the included activities.

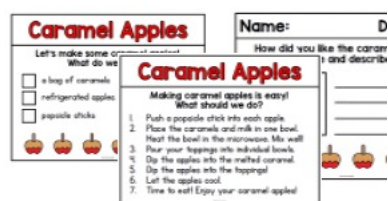
APPLES Centers Overview

Center 1: Apples Unit Puzzles



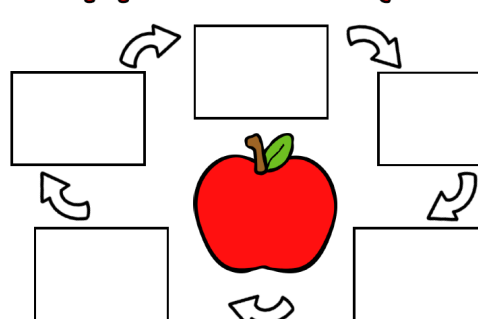
Cut the 20 2-piece puzzle images. Play a matching game and discuss vocabulary words.

Center 2: Making Caramel Apples

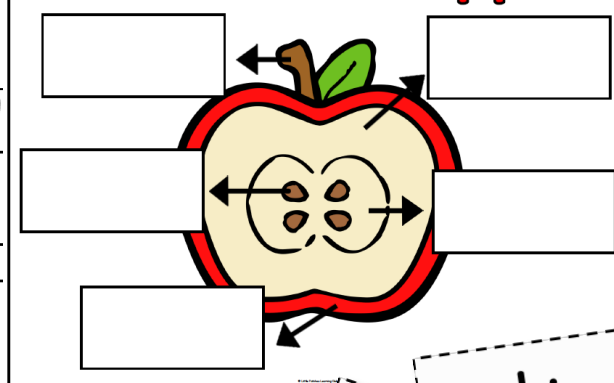


Use the ingredients checklist, procedure, journal page, and labels to make a caramel apple center!

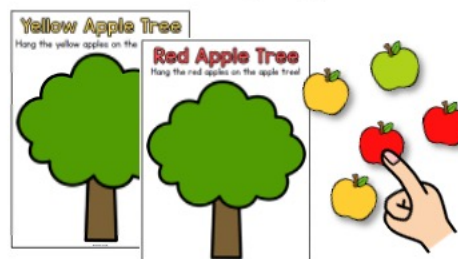
Apple Life Cycle



Parts of an Apple

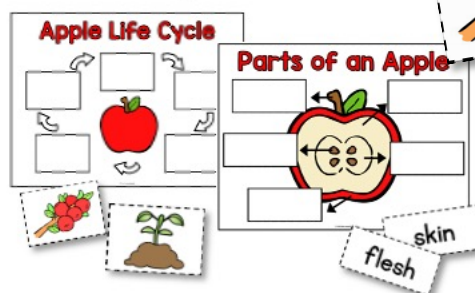


Center 3: Matching Apples



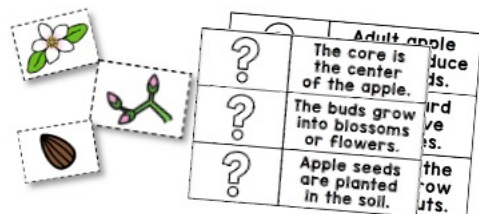
Cut the colored apples and sort them into their corresponding tree mats.

Center 4: Diagrams



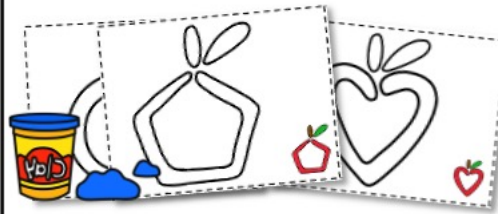
Cut the images and arrange them into the diagram mats.

Center 5: Reading Comprehension



Cut the images and match them to the sentences.

Center 6: Apple Playdoh Mats



Use the playdoh mats to make apples of different shapes!

INVESTIGATION & EXPERIMENTS

This unit includes 5 pages of investigation and experiments (Apple Investigation, Apple Oxidation Experiment) to reinforce learning all about apples. Each experiment includes an overview, discussion questions, safety tips, materials, directions, and an answer sheet.

Name: _____ Date: _____


All About Apples

APPLE INVESTIGATION

Draw the apple. The apple looks _____

outside

Measure the apple.



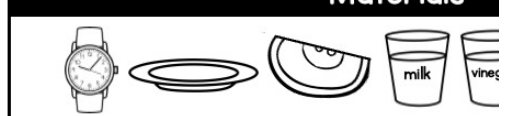
It is _____ cubes tall.

All About Apples

APPLE OXIDATION

Teacher Guide

Materials



paper plates glass with milk glass w
 4 apple slices glass with vinegar glass w

Name: _____ Date: _____

All About Apples

Fill up the sheet to discuss the experiment.

APPLE OXIDATION

All About Apples

APPLE OXIDATION

Teacher Guide

Apple Oxidation

Oxidation occurs when an apple is sliced and its flesh is exposed to oxygen in the air. This reaction turns the apple brown! Some liquids can keep the apple from browning.

Discussion Questions


1. Why do apples turn brown when they are damaged or sliced?
2. When an apple slice is brown, does it mean that the apple is rotten?
3. What kind of liquids keep the apple from turning

Question _____

Hypothesis _____

Liquid	10 mins
1. milk	
2. vinegar	
3. water	
4. lemon juice	

Data Label and color th



Conclusion _____


All About Apples

APPLE INVESTIGATION

Teacher Guide

Apple Investigation

The best way to learn about apples is to use our 5 senses to investigate the ins and outs of an apple.



Discussion Questions

1. What do you know about apples?
2. What food can you make with apples as an ingredient?
3. What are the parts of an apple?
4. How do you grow apples using apple seeds?
5. What have you learned about apples?

Science Safety

For this activity, students should make sure that their hands are clean before holding or eating the apple.

SCIENCE POEMS

This science unit contains an original science poem that focuses on apple features & describing apples.

Read them together in class or use them as classroom décor!

Colored and BW versions are included.

I Love Apples

Apples hanging on a tree,
Some for you, and some for me!
I take a bite,
Ooh, what a sweet delight!

Apples are the flavor of fall.
I want to taste them all!
Red, yellow, and green color,
Ooh, apples, I want more!

Apples are so tasty.
Apples make me healthy.
Delicious, crunchy, and juicy,
Ooh, apples are good for me!

I Love Apples

Apples hanging on a tree,
Some for you, and some for me!
I take a bite,
Ooh, what a sweet delight!

Apples are the flavor of fall.
I want to taste them all!
Red, yellow, and green color,
Ooh, apples, I want more!

Apples are so tasty.
Apples make me healthy.
Delicious, crunchy, and juicy,
Ooh, apples are good for me!

ARTS & CRAFTS

Arts & crafts activities are provided for each unit.

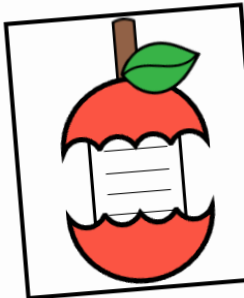
The assigned crafts coincide with the topics included in the unit.

These crafts are designed to hone a myriad of core skills as well! Just follow

the simple directions and you'll be good to go!

Make your own BITTEN APPLE CRAFT

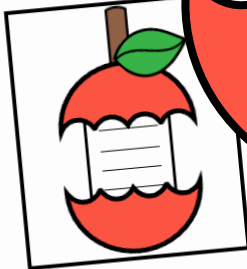
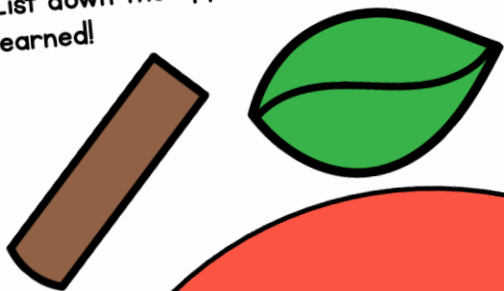
Cut the apple pieces and paste them together like the model on the right. List down the apple facts you have learned!



APPLE FACTS

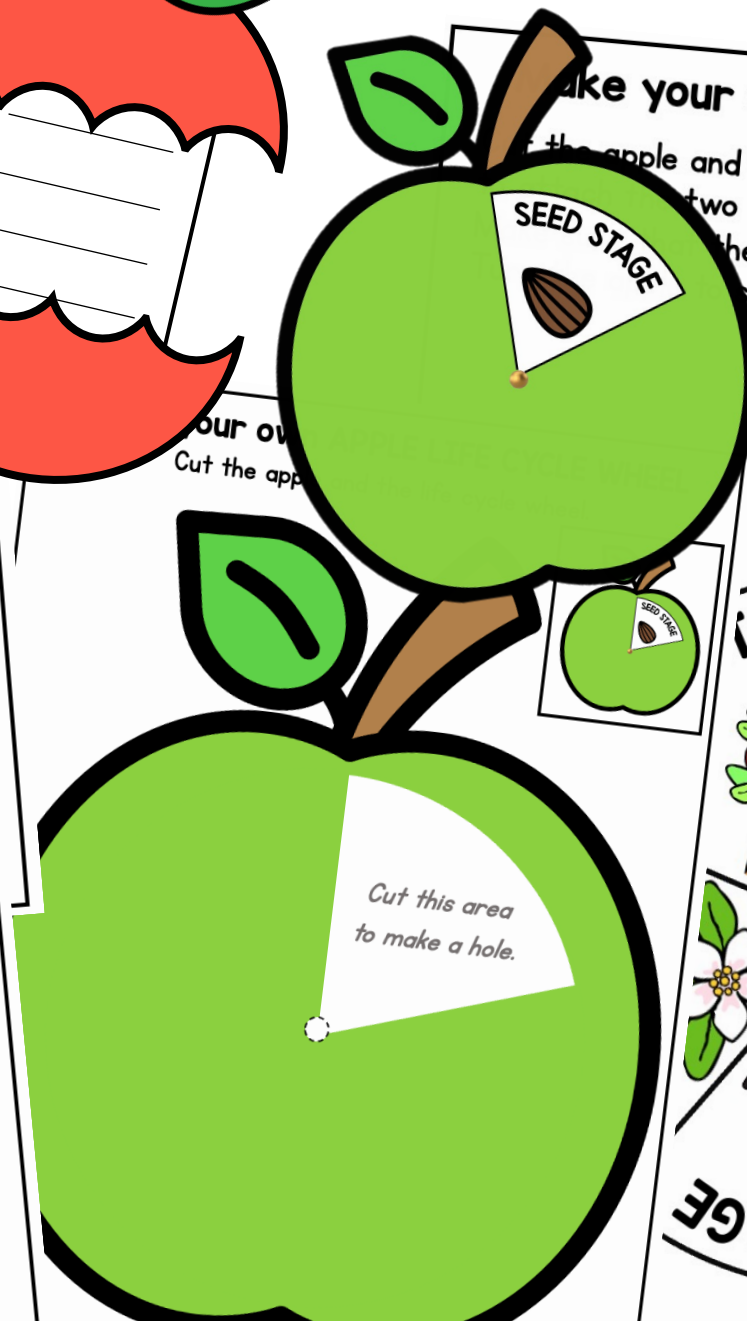
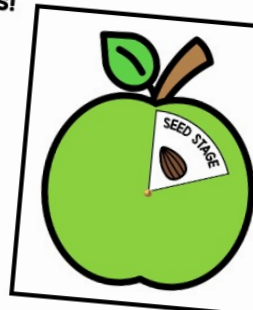
Make your own BITTEN APPLE CRAFT

Cut the apple pieces and paste them together like the model on the right. List down the apple facts you have learned!



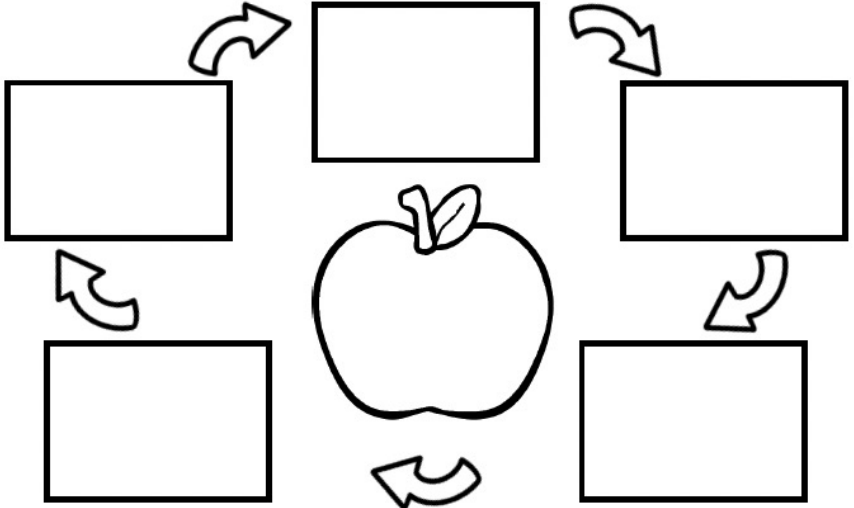
Make your own APPLE LIFE CYCLE WHEEL

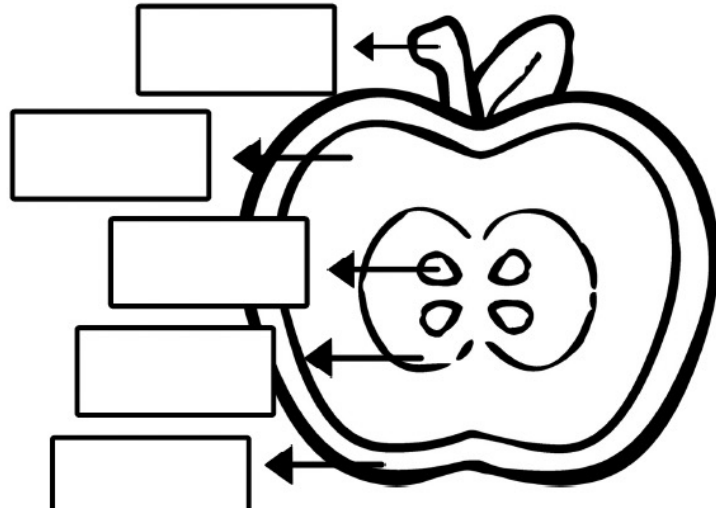
Cut the apple and the life cycle wheel. Use a metal brad to fasten the two pieces together in the middle. The wheel is behind the apple! See its life cycle stages!

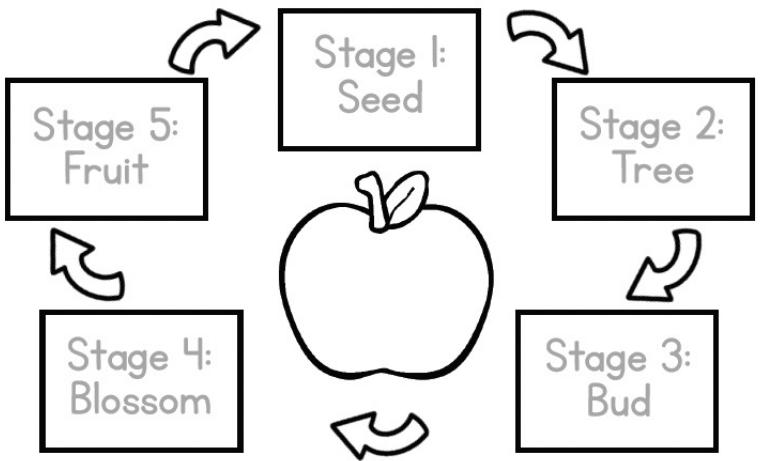


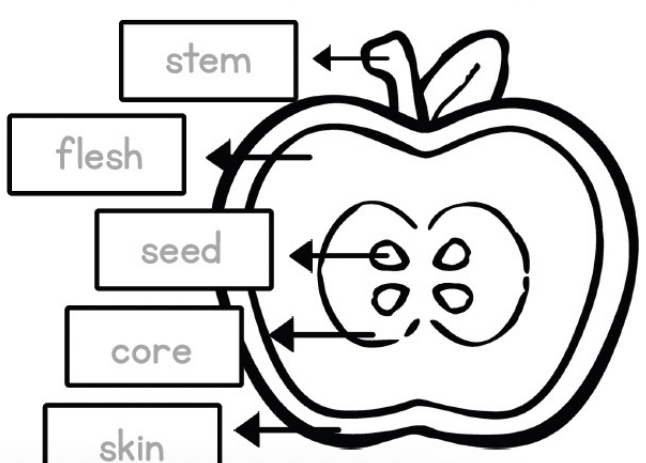
ASSESSMENTS & EXIT TICKETS

Teachers may utilize the provided pre and post-assessment forms at the end of each unit. The 2 exit tickets (with answer keys) allow teachers to evaluate students' progress and knowledge about the given topic.

Name:	Date:
All About Apples	EXIT TICKET # 1
Label and draw each stage of the apple life cycle. 5	
	

Name:	Date:
All About Apples	EXIT TICKET # 2
Label the parts of the apple. 5	
	

Name:	Date:
All About Apples	ANSWER KEY # 1
Label each stage of the apple life cycle. 5	
	

Name:	Date:
All About Apples	ANSWER KEY # 2
Label the parts of the apple. 5	
	

SAVE MORE WITH THIS BUNDLE



SCIENCE LEARNING CLUB

ALL YEAR SCIENCE CURRICULUM BUNDLE



5 Senses

Weather & Seasons

Plant Life

Animal Kingdom

All About Space

States of Matter

Human Body

& MUCH MORE!

**A COMPLETE
AND EASY PREP
SCIENCE BUNDLE**



Little Patches Learning Club

Thank you so much! Please drop us a quick review.

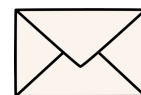
Giving feedback on your purchases can earn you TPT CREDITS!!

Using our resources? Tag us on IG [@littlepatcheslearningclub](https://www.instagram.com/littlepatcheslearningclub) for a chance to win monthly giveaways! We post freebies and special promos there too.

LET'S CONNECT



[Little Patches Learning Club](https://www.apple.com/education/)



littlepatcheslearningclub@gmail.com



[@littlepatcheslearningclub](https://www.instagram.com/littlepatcheslearningclub)



Little Patches Learning Club



www.littlepatcheslearningclub.com

TERMS OF USE

All rights are reserved by the author. This resource is intended for one teacher use only. Please purchase multiple licenses if you intend to share this resource.

This resource may NOT be shared, posted, or sold without permission.

