

Alabama Men's Hall of Fame

4th Grade Lesson Plans-Alabama History (50 minutes)

George Washington Carver

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Alabama Social Studies Standards

- Recognizing Alabamians who have made significant contributions to society and Alabama
- George Washing Carver

Alabama Technology Standards

- 12 Create a product using digital tools.

Learning Objective(s) Students will extrapolate important information from text and select three facts about George Washington Carver's early life and two contributions that he has made to science and Alabama history and present this information to the class in an avatar form.

Evaluation of Learning Objectives: Using the information sheet and rubric provided, students will create an avatar and present it to the class.

Engagement: After checking for allergies, pass out unshelled peanuts and allow students to eat them, as they eat, discuss how peanuts grow and what other items are made from peanuts. For a video on how peanuts grow, go to <http://www.youtube.com/watch?v=SwUT1YqIOZU>. Have the children brainstorm a list of things made from peanuts. Supplement the list with some of the following:

All-purpose Cream	Dyes for Leather (19)	Laundry Soap
Antiseptic Soap	Dyes, Paints, and Stains	Laxatives
Axle Grease	Emulsion for Bronchitis	Livestock Foods
Baby Massage Cream	Evaporated Milk	Malted Substitutes
Breakfast Foods (at least five varieties)	Evaporated Peanut Beverage	Mayonnaise
Bisque Powder	Face Bleach and Tan Remover	Meal Substitutes
Buttermilk	Face Cream	Medicine similar to milk Milk (32)
Butter from Peanut Milk	Face Lotion	Mock Chicken
Caramel	Face Ointment	Mock Goose
Castoria Substitute	Face Powder	Mock Meat
Charcoal from shells	Fat Producing Cream	Mock Oyster
Cheese, Cream	Flavoring Paste	Mock Veal Cutlet
Cheese, Nut Sage	Fuel Briquettes	Molasses Feed
Cheese, Pimento	Gas	Nitroglycerine
Cheese, Sandwich	Gasoline	Normal Peanut Beverage
Chili Sauce	Glue	Oil, Emulsified with Mercury
Chocolate Coated Peanuts	Glycerine	Oleomargarine
Chop Suey Sauce	Goiter Treatment	Paints
Cleanser for hands	Golden Nuts	Pancake Flour
Cocoa	Hand Lotion	Paper (White) from vines
Coke (coal, from hulls)	Hen Food for Laying (Peanut Hearts)	Paper (Kraft) from vines
Cooking Oil	Illuminating Oil	Paper (colored) from skins
Cream Candy	Insecticide	Peanut Bar #1
Cream from Peanut Milk	Instant Coffee	Peanut Bisque Flour
Crystallized Peanuts	Insulating Boards (18)	Peanut Brittle
Curds	Insulation (Peanut Husks)	Peanut and Pop Corn Bars
Dehydrated Milk Flakes	Iron Tonic	Peanut Butter, regular
Diesel fuel	Lard Compound	Peanut Cake (2 kinds)
Dry Coffee		Peanut Dainties
Dyes for cloth (30)		

Peanut Flakes
Peanut Flour (11 types)
Peanut Hearts
Peanut Hay Meal
Peanut Hull Bran
Peanut Hull Livestock
Food

Peanut Kisses
Peanut Koumiss
Beverage
Peanut Punch (several
fruit
combinations)

Peanut Livestock Food (2
kinds)
Peanut Meal
Peanut Meat Loaf
Peanut Oil Shampoo
Peanut Relish (2 kinds)

Tell the students that they are going to learn about a famous man named George Washington Carver, who discovered over 300 uses for peanuts and accomplished and invented many other wonderful things.

Learning Design:

I. Teaching: Before we read *A Weed Is a Flower: The Life of George Washington Carver*, by Aliki, I will tell the students that we will be listening to discover facts about George Washington Carver and give them a sheet of paper on which to complete the following information:

- When he was born
- Where he was born
- Events in his very young life
- What he contributed to farming
- What he invented

Supplement material about George Washington Carver:

<http://www.ideafinder.com/history/inventors/carver.htm>

III. Opportunity for Practice: Students will individually fill out their George Washington Carver –Information Sheet with important facts from the story. They will work in small groups

to agree on what information they deem most important and will arrange and present this information through an Avatar created on <http://voki.com/create.php>.

III. Assessment: Students will share their Avatars with the class and be assessed using the rubric included.

IV. Closure: The teacher will ask three students to share an important fact about George Washington Carver. The teacher will ask why they believe George Washington Carver was inducted into the Alabama Men's Hall of Fame.

Name_____Date_____

George Washington Carver-Information Sheet

1. When was he born?
2. Where was he born?
3. What happened when GWC was very young?
4. How did GWC improve farming?
5. List three inventions of GWC.

Historical Role Play : George Washington Carver Avatar

Teacher Name: **Mr./Ms Fourth Grade Teacher**

Student Name: _____

CATEGORY	4	3	2	1
Historical Accuracy	All historical information appeared to be accurate and in chronological order.	Almost all historical information appeared to be accurate and in chronological order.	Most of the historical information was accurate and in chronological order.	Very little of the historical information was accurate and/or in chronological order.
Required Elements	Student included more information than was required.	Student included all information that was required.	Student included most information that was required.	Student included less information than was required.
Props/Costume	Student uses several features and appropriate background that accurately fit the period, show considerable work/creativity and make the presentation better.	Student uses 1-2 features and appropriate background that accurately fit the period, and make the presentation better.	Student uses one prop/background which makes the presentation better.	The student uses no props or background OR the props chosen detract from the presentation.

Total Score _____

Resources:

Aliki. *A Weed Is a Flower: The Life of George Washington Carver*. Englewood Cliffs, N.J., Prentice-Hall, 1965.

George Washington Carver-Information Sheet (attached)

<http://www.youtube.com/watch?v=SwUT1YqIOZU> (How Peanuts Grow video)

<http://ethemes.missouri.edu/themes/1454> (National Agricultural Library)

<http://voki.com/create.php> (Avatar construction site)

<http://www.bbgardens.org/discovery-field-trips.php>. (Extending lesson - field trip to

Birmingham's Botanical Gardens- George Washington Carver Garden)