

World Wide Pie
(a geography connection to the pies of Takotna)

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Discipline / Subject: geography

Topic: product maps

Grade Level: 3-8

Resources / References / Materials Teacher Needs: World Wide Pie introduction

Lesson Summary: Students will make a product map of possible pie fillings used in the famous pies from the Takotna checkpoint.

Standard's Addressed:

national:

NSS-G.K-12.1 Students should understand how to use maps and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective.

NSS-G-K-12.4 Understand the patterns and networks of economic interdependence on Earth's surface.

Alaska state standards: A student who meets the content standard should:

geography A-2 make maps, globes, and graphs

geography A-4 use graphic tools and technologies to depict and interpret the world's human and physical systems

geography E-1 understand how resources are developed and used

Arizona state standards:

A student will:

SS-S4-C1 construct maps, charts and graphs to display geographic information

SS-S4-C2 identify regions based on various criteria (climate, landforms, vegetation, culture)

Learning objectives:

Students will:

- research where various pie ingredients are commonly produced (analyze)
- create a product map of the world (synthesis)

Assessment:

Use rubric to check each map for accuracy and thoroughness.

Procedural Activities:

1. Read the introduction to the students.
2. Brainstorm common pie fillings of which they know, highlighting those which may be local to your area.
3. Have the students ask their family and friends for other pie filling examples. Perhaps they could visit a bakery on the way home. ☺
4. Give students access to resources for researching where common pie filling products are produced.
5. Have them record at least 10 filling ingredients and from where they originate.
6. Review/explain what a product map is.
7. Brainstorm with students symbols they might use; the symbols should represent the pie filling but be easy to draw and easy to understand. For example, a cherry for cherry pie filling.
8. Give students large blank political world maps.
9. Have them create a legend and complete the map in color with their chosen symbols.

Materials Students Need: atlases, blank political world maps, pencils, paper to record findings, colored pencils

Technology Utilized to Enhance Learning: Internet access, atlases

Other Information: none

Modifications for Special Learners/ Enrichment Opportunities:**enrichment:**

- Challenge students to find a pie filling ingredient from every U.S. state.
- Bake pies and host a World Wide Pie Festival. Students could research the pie fillings and their production, create an abstract, and make short presentations.

modifications:

- provide the list of pie fillings and their origins
- limit the map activity to just the U.S. or just your state