Sample Outline for a STEAM Lesson Plan on Global Food

Our lesson plans are developed by educators working together to create a bank of lesson plans that are reflective of international, national and state standards across the nine primary subject areas that most schools recognize in somewhat similar categories of structure. We don’t offer our full plans for review without joining the network, but we offer a sample of the types of plans to expect. The bank is growing and we hope you wish to contribute and benefit from sharing.

Students are introduced to global life through an introduction to traditionally regional foods and how their place in the modern global diet.

1. **Science** - why is that food produced in that region, what is the weather there that allows the food to be grown there, how is the weather there different or the same to weather in the students region

2. **Technology** - what devices are used to grow, transport, prepare, display and eat the foods

3. **Engineering** - what devices have been or could be developed to help grow, transport, prepare, display, eat, store, preserve and dispose of the food.

4. **Social Studies** - where is the geographical region, what do people do to generally prepare the food, how is the food eaten when alone, how is the food shared, does the food have any special meanings in the culture, how do people feel about the food - it is a staple food, something enjoyed more or something needed more for base nourishment

5. **Language Arts** - what are various ways to say the food, different words (Latin, native to its region of origin, in the native language and context and in modern languages and contexts, pictorial depictions of it), how is it described (can add in science descriptors here)

6. **Fine Arts** - how can the food be depicted to be desirable (advertising the food) can students recognize a large variety of pictures, drawings, and renderings of the food - can they make one that is recognizable?

7. **Sounds & Music** - What sounds are associated with the food, are there songs written about the food that can be learned by the students?

8. **Physical Education** – what physical activities involved in producing, growing, harvesting, preparing and eating the food. Students will be asked to replicate and learn these movements and analyze repetitive movements and how they make the body feel over time.

9. **Maths** – how can foods can be used for counting, group and trait recognition, sorting, measuring devices, growing metrics, economics, supply and demand, shipping and time, etc.

There are a variety of activities to go with this lesson from growing and cooking to delving deeper into geography and creating globally and nutritionally balanced meals that cross-represent cultures and talking about sharing food around the world on various levels.

We hope these outlines help and that it is easier to see where these cross-connections can be developed to provide an enriching environment that is rigorous and highly engaging for the students, their families and the educators involved. There are also connections to working with businesses for students to learn real-life applications. Please let us know what questions you may have about our professional development, consulting or lesson plan bank.

contact@staemedu.com

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