

Artifact Reflection

Title of Artifact: Scientific Method

Date Completed: December 2013

Describe Artifact

In the winter of 2013, I created a power point lesson plan on the Scientific Method to teach to fifth graders. The lesson is spread out over a two week period. The Scientific method is taught within the interactive slides on the power point and through a web quest. Students continue learning by carrying out their own experiments.

Alignment Reflection

This artifact supports Standard 4 (The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make these aspects of the discipline accessible and meaningful for learners to assure mastery of the content).

I used multiple representations and explanations such as visuals, videos and hands on, to capture key ideas of the lesson. To master the content, students will perform their own experiments following the steps they learned.

The web quest offers opportunities for students to learn, practice and master academic language in the lesson. It also incorporates a quiz for assessment.

To integrate culture, students will perform the Scientific Method to a project created by the Wamponoag tribe by planting corn, beans, and squash.

Personal Reflection

I learned that they are different types of learners. Lessons can be modified to meet visual, kinesthetic and auditory learners.

I realize that media is an excellent way to learn new ideas for teaching content and skills.

Even though this lesson took a long time to create, it is something I will be able to use for a long time and modify to fit any class.