

Portfolio Guidelines

The portfolio has 3 parts: Learning, Implementing, and Leading. It is not intended that the portfolio be done in a day, but rather it should be a collection of reflections, classroom lessons, and other artifacts that will enable you, at the end of the project, to be able to look back over the past two years and measure your growth as a result of participation in this project. It should also contain a collection of classroom activities that you are able to incorporate into your teaching practice.

I. Learning

The learning portion of the portfolio documents how you are growing and changing as a learner and a teacher by your involvement in the Revitalise program. Some possible items to include:

- Notes/reflections on workshops
- Notes/reflections on site visits
- Journal entries
- Classroom ideas from other participants or leaders
- “Ah-ha” moments in learning the software or visualization concepts

II. Implementing

The implementing portion of the portfolio documents how you implement lessons in your classroom utilizing visualizations. For each of the lessons you include you should have three basic elements: 1) the lesson plan 2) a description of what happened when you taught the lesson, and 3) an evaluation and reflection on the lesson. How you structure these elements is entirely up to you. Some items that you may wish to consider are:

- The instructional context of the class that would allow the reader to understand why you planned this particular lesson using visualizations.
- Objectives
- Connections to standards
- Lesson description of what actually happened when you taught the lesson
- Encouraging or frustrating moments
- Were the objectives achieved? How do you know?
- How did your use of visualizations during this lesson affect the achievement of your objectives?
- Significant successes? Failures? Why?
- What would you do differently, and why, if you were given the opportunity to teach this particular lesson with these students again?
- How did the experiences in the lesson influence your future instruction of this class or individuals in this class through the use of visualizations?
- What were the students’ reactions to the visualization? Of the lesson? Some considerations might be their feelings and concerns, both positive and negative, short anecdotes, etc.
- Artifacts such as handouts, presentations, assessment, photographs, or student work

III. Leading

The leading portion of the portfolio demonstrates how you have become a leader in using visualizations to enhance your teaching of science or mathematics. Items that you may wish to include in this section are documentation of:

- Mentoring other teachers in the use of visualization techniques
 - Documentation for this may include notes from teachers you have mentored, or some other way of demonstrating this.
- Presentations to other teachers at school, district, state, or national conferences or workshops
- Action research projects