

# Collegial Circle Final Report

Please complete all information on this form. After it is complete, send it to the Teacher Center along with other supporting documentation. Electronic copies are preferred whenever possible.

## COLLEGIAL CIRCLE INFORMATION

Title of Circle: Crafting Inquiry Standards Area: Secondary Science  
Facilitator: Katrina Devlin School(s): SHS and MHS  
Beginning Date: 7/13/21 Ending Date: 8/24 # of Hours: 12  
*Please submit copies of the following to this report:*

- ✓ Collegial Circle Attendance Log
- ✓ Collegial Circle Meeting Log
- ✓ Samples of strategies implemented, materials created, or student work samples where applicable
- ✓ Collegial Circle Reflection Sheets - completed by each participant

## COLLEGIAL CIRCLE DESCRIPTION

### What was the anticipated goal(s) of this Collegial Circle?

Our goal was to research and develop student-driven, inquiry-based, hands-on modeling activities for the many of the major concepts and processes in our science content areas.

### What grade level(s) and or subject area(s) will benefit from this Circle?

9-12, Biology, Chemistry, Earth Science, Anatomy and Physiology

### What level of Guskey's Professional Development Evaluation did you select for this Circle?

Level 4 – Participants' Use of New Knowledge and Skills

## FINAL REFLECTIONS

### Was the goal of your Collegial Circle met? Please explain.

Yes, we collectively we made significant progress (near completion or completion) on at least 8 kits (**Bio** - Cell Structure and Function, Protein Folding; **Chem** – Atomic Model, Rutherford Experiment, Voltaic Cell, Ionic Compounds, Dissolving Salts; **Earth Science** – Density) and made substantial progress on 3 more (**Bio** – Gene Expression & DNA Replication, Mitosis/Meiosis/Fertilization; **Anatomy/Bio** – Nerve and Muscle Cell Interactions).

### How did the members of this Collegial Circle assess whether the outcome was met? What evidence was utilized to assess your progress?

Evidence of these modeling kits can be found in this shared folder.

[https://pittsfordcsd-my.sharepoint.com/:f/g/personal/katrina\\_devlin\\_pittsford\\_monroe\\_edu/EIU7NldhDChNmMzIMszCqmkBWWcPx\\_qjxy3\\_vNj3XXYCOq?e=WST60R](https://pittsfordcsd-my.sharepoint.com/:f/g/personal/katrina_devlin_pittsford_monroe_edu/EIU7NldhDChNmMzIMszCqmkBWWcPx_qjxy3_vNj3XXYCOq?e=WST60R)

It includes print-outs, pictures, lessons etc. Please keep in mind that these files represent plans and materials that actually need to be printed, laminated, etc. before they are actual kits. They are not the final product.

### How did your work impact teaching and learning? [Include student work samples, lesson plans, peer reviews, etc.]