

STEAM in the Classroom

60 Inservice Points

Component No. 3 007 013

General Objective

This course will facilitate and increase professional knowledge and expertise in STEAM topics specific to grade level and/or content responsibilities within the early childhood classroom through 9th grade classroom.

Specific Objectives

Participants will:

1. Establish and communicate clear STEAM learning goals for one's own classroom.
2. Share classroom activities connected to STEAM with the greater school wide community.
3. Attend meaningful professional development opportunities related to STEAM curriculum
4. Continue grade level or subject area work to align NGSS standards to STEAM activities.
5. Continue Curriculum Articulation: Curriculum Mapping (STEAM)
6. Seek feedback from science teachers, colleagues, and students.
7. Research and purchase additional teacher/student resources and materials needed throughout the year to support the science curriculum.

Activities

Participants will:

1. Attend on-campus after school professional development sessions.
2. Attend off-campus Collaborate South Florida sessions.
3. Work in subject area and/or grade level groups to explore STEAM practices and incorporate them into meaningful and student-driven lessons.
4. Read professional literature related to the course objectives and share information with colleagues.
5. Apply newly acquired strategies and STEAM activities in the classroom.

Evaluation

Participants will do one or more of the following:

1. Maintain a professional development folder of all activities related to coursework such as workshops, articulation with colleagues, Collaborate South Florida sessions, conferences, and reflections.
2. Formally share classroom STEM/STEAM activities with colleagues.
3. Complete an in-service evaluation form.

Submitted by: Palm Beach Day Academy Aug 2016