

**Course Name:** Literacy, STEAM, & Makerspace: Inspiring Inquiry through Picture Books

**Course Dates:** Ongoing

**Cost:** \$79.00

**Credit:** 6 hours of Professional Development

**Instructor:** Barbara Johnson

**Assignments:**

The online course will be based on a series of instructor videos, readings and free resources that guide participants through the process of using picture books, STEM, STEAM and collaborative activities to engage their students in inquiry based learning. There will also be use of discussion boards and online guided coding lessons for implementing in the classroom.

**Course Purpose/Description:** The purpose of this e-course is to learn how to use picture books with young learners to engage and inspire inquiry, maker activities, calls to action and arts integration.

The maker movement encourages hands-on, inquiry-based, open-ended learning and this has become increasingly common in K-12 schools across the nation. Making is commonly associated with STEM concepts, but it is just as useful in literacy. This course will equip educators with the resources and skills they need to effectively facilitate literacy-based maker activities, while making connections to standards.

In this course you will:

- Create quality questions with kids.
- Coordinate collaboration between students.
- Gain a global perspective on problem solving.
- Engage engineers and innovators.
- Integrate the Arts into the inquiry process.

**What you need to take the course:**

- Access to the Internet using a computer, a working email and access to Google Docs.