

Backward Design for Differentiated Instruction to Meet the Needs of Regular and Gifted Students

Grades 3 - 8

WHAT WILL BE COVERED?

This class will enhance an instructor's ability to create curricular units, which start with the end in mind. By looking through the lens of "enduring understandings" teachers can choose a summative assessment measuring their students' understanding of the information at the "heart of the discipline". Educators will also be exposed to ideas for differentiation, which they can incorporate into their backward designed units, thereby providing an environment that supports all types of learners. One important focus of the design process will be "uncoverage" or the intentional sequencing of learning experiences, which allows students to uncover important material rather than teachers covering this same material. This type of learning will give students the opportunity to think critically and be engaged in the learning process, thereby providing them with the 21st century skills needed for success.

Please bring materials for a unit that you would like to backward design to class.

WHAT SKILLS WILL THIS HELP ME DEVELOP?

Upon completion of the class, the learner will be able to:

- Write a backward design unit, which differentiates instruction for gifted and regular students
- Develop a basic understanding of the topics that students need to 'uncover' and why that leads to improved learning and understanding
- Successfully apply state standards to units in order to create essential questions, which leads to improved focus in instruction
- Design a summative assessment that demonstrates student understanding
- Build a sequence that engages students in "uncoverage"
- Filter the content through the four lenses: big idea, heart of the discipline, "uncoverage", and engagement.

This class addresses IAGC Knowledge Standards 1, 4, 6, & 8.

WHAT ARE THE DATES, TIME FRAMES, AND LOCATION?

Class will meet on Tuesday and Wednesday, **April 21 & 22, 2009** from **8:30 a.m. – 3:45 p.m.**

Location: **Troy Administration Center, Board Room, 5800 W. Theodore Street, Plainfield, IL 60586**

About the Presenter

Liz Fayer is a curriculum and Instruction specialist who has created seminars, coursework, and special long-term projects for The Center for the Advancement of Math and Science, CCBR/WestCore, IAGC, Lake County ESC, and school districts both in Illinois and South Dakota. In addition to a strong science background, Liz developed and taught a gifted education program for middle school students, which included mentoring teachers in writing backward designed units and modeling instructional differentiation. Ms. Fayer has worked with schools to develop effective curricula that addresses standards and has created workshops for IAGC on backward design and problem-based learning. Most recently, she has created two modified online courses: backward design and inquiry science philosophy.

To register please fill out the following form and send to: IAGC Registrations, 800 E. Northwest Hwy., Suite 610, Palatine, IL 60074.

**Backward Design
Troy Registration Form
April 21 and 22, 2009**

Name _____

Home Address _____

City, State, Zip _____

Home Phone _____

District _____ School _____

Position _____ Grades _____

Work Address _____

City, State, Zip _____

Work Phone _____ FAX _____

Email _____ SS# _____

(Necessary for college credit)

Fees

IAGC Membership No. _____

_____ \$50 New Member fee (in addition to registration fee)

_____ \$300 Early Bird, prior to March 13, 2009

_____ \$325 Late registration, after March 13, 2009

_____ Total

IAGC Non-members

_____ \$350 Early Bird, prior to March 13, 2009

_____ \$375 Late registration, after March 13, 2009

No refunds will be made after the class date. A \$25 handling fee will be charged for all cancellations.

One hour graduate credit through Aurora University is available for an additional \$125. The registration and payment for graduate credit will take place on the first day of the class. Checks should be made out to IAGC.

14 CPDU's available.

Questions? Call the IAGC office at 1-847/963-1892; FAX 847/963-1893

Morning coffee & refreshments and lunch provided

Co-sponsored by IAGC and Troy School District