

Every Learner Inquires

Every Learner Inquires is Iowa's statewide science initiative. The ELI project is a four year K-12 professional development project that aligns with the Iowa Professional Development Model.

Goals

- Student Learning Goal: Improve science learning for all K-12 students in the state of Iowa
- Teacher Learning Goal: Build teacher leadership and content expertise within the system
- Teacher Practice Goal: Implement inquiry-based instruction
- Organizational Goal: Establish a structure that sustains the implementation of Every Learner Inquires (ELI)

Vision

The vision of the Every Learner Inquires (ELI) project is one in which all students engage in investigating significant scientific questions in supportive, collegial learning communities. Students will come to deeply understand important science ideas and master complex skills and reasoning processes that are essential to scientific literacy.

Mission

The mission of the Every Learner Inquires project is to assist Iowa AEAs, schools and districts in building the capacity to implement an effective K-12 science education program using inquiry-based instructional strategies as outlined in the *National Science Education Standards*.

Outcomes

As a result of participating in the ELI program, Leadership Teams will:

- Develop the fundamental understandings about scientific inquiry
- Understand and support the implementation of inquiry-based instructional strategies in the classroom
- Learn to assess students' science learning using formative and summative assessments
- Establish a professional learning community with a collective focus on student learning, reflective dialogue and professional collaboration
- Understand and apply the research on organizational change and transformational professional development

ELI will be launched the summer of 2006 with a summer institute targeting AEA Leadership teams and four case study schools.

2006-7 Implementation Schedule

K-12 Summer Institute:

July 31-August 3, 2006, Jester Park, Granger, IA

K-6 2006-7 Academic Year Seminars: Site TBD

East	West
September 14, 2006	September 18, 2006
November 8, 2006	November 6, 2006
January 19, 2007	January 17, 2007
February 20, 2007	February 22, 2007
April 18, 2007	April 16, 2007

7-12 2006-7 Academic Year Seminars: Site TBD

East	West
September 20, 2006	September 22, 2006
November 8, 2006	November 6, 2006
January 9, 2007	January 11, 2007
February 6, 2007	February 8, 2007
April 18, 2007	April 16, 2007

Leadership Teams

Each AEA will assemble two ELI leadership teams with a combined maximum membership of 15 participants per AEA. One team will follow the entire elementary learning strand and the other will follow the secondary learning strand. All science consultants from every AEA are expected to participate on their agency leadership team and attend both strands. Other leadership team members would likely be part of only one of the teams. Each team should include at least two teacher leaders from their area. These leadership team members should be identified to reflect the long term capacity building priorities of each agency. AEA leadership teams are due by March 31, 2006 to Tony Heiting or Kathy McKee.

Case Study Schools

Applications, criteria, expectations and incentives for participation are available on DE Website or through each AEA. Applications are due April 10, 2006.

Information

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