EDGE Pre-Workshop Survey

First Name

Last Name

Earth Systems Science

	Current status/comfort	Relative Importance
I observe scientific principles in my daily life.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I formulate scientific questions based on my observations of events in the world.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I understand the meaning of a systems approach to earth science.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I gather relevant information to validate or invalidate possible explanations for events.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I critically review information to draw conclusions about my possible explanations.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I analyze scientific data to test hypotheses.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Averages		

Teachers

	Current status/comfort	Relative Importance
I am able to demonstrate introductory knowledge, skills, and understanding of concepts related to technology.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I use technology to commuicate and collaborate with parents and peers.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I continue to grow in my knowledge of technology and try to stay abreast of current and emerging technologies.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I use technology to engage in ongoing professional development and lifelong learning.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I feel comfortable if students demonstrate more technological skill than I do.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Averages		

Curriculum, Learning and Assessment

	Current status/comfort	Relative Importance
I am able to use technology to address the diverse learning needs of my students.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
A variety of resources beyond the textbook are incorporated into learning activities.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Projects and activities in my classroom allow students to demonstrate their understanding in authentic ways.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I plan and implement learning environments and experiences that allow my students to be self-directed learners.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
There are several opportunities for student assessment and reflection throughout any unit of learning.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Averages		

Availability and Accessibility of Resources

	Current status/comfort	Relative Importance
I have access to sufficient hardware and software to support quality use and integration in the classroom.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
A wide variety of technology resources (scanners, printers, cameras, calculators, probes, etc.) are available in our school.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I have current and up-to-date hardware and software in my classroom.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Connectivity to the internet is at a speed that is acceptable for using with students during learning activities.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I have adequate technical support and assistance and am satisfied with the ongoing maintenance and operation of technology.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Averages		

Community

	Current status/comfort	Relative Importance
Learning projects in my classroom often include an audience or resources outside the classroom.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I try to incorporate and build upon local cultural values and beliefs when I desgin learning activities.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I utilize the community resources and expertise to enhance student learning opportunities.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I utilize the local community as an extension of the classroom learning environment.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
My students have an awareness of technology's impact on individuals and society.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Averages		

GIS/GPS Knowledge and Use

	Current status/comfort	Relative Importance
I am familiar with GIS and how it works.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I am able to use GIS in the classroom to engage students in meaningful tasks and promote critical thinking,	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I am familiar with how to operate a handheld GPS unit, and can enter and retrieve data using a GPS.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
I am able to create maps using GIS software.	○1 ○2 ○3 ○4 ○5	○1 ○2 ○3 ○4 ○5
Averages		

Ratings: 1 = Low   5 = High