

RARE CATS-HOU
Academic Year Activities: 2001-2002

1. Implement one astronomy research project with your students using the HOU software.
2. Participate in HOU feedback meeting
3. Design and implement local/county workshop for other teachers:
 - Topic: research in the classroom
 - Equivalent of 12 hours or 2 days – can be spread over additional days

Designing the workshop:

1. Get teachers onboard: design a concrete activity that brings home the difference between “science taught by lecture” and “science learned by doing”.
2. Have teachers work in teams to do an abbreviated research project using materials/equipment that you have on hand or can obtain.
3. Have teachers synthesize the components of a research project: What did they just do? What made it different from other hands-on activities they have done in science? What is the role of the teacher? What is the role of the student?
4. Have teachers develop ideas for classroom research projects. Talk about your own experiences. Give them a project to copy. Tell them what works and what doesn't work.