

Proposed Focus Areas for Academic Year PD Working Groups

Formative Assessment

Development of probes (3)

Diagnoser tools & processing the plethora of data (2, 2, 2, 3, 3, 1, 3)

Development of FA's for energy – Research student ideas and develop diagnostic tools (1, 1)

FA of group work (3)

Instructional Strategies

Facilitating classroom discourse (2, 1)

Implementation of group work (1, 2, 2, 1)

Integration of instructional strategies in specific curricular context (3, 3)

Instructional Resources

Discrepant event swap-meet (3, 1, 3, 2)

Science Curriculum Topic Study (1)

Analysis of Classroom Video (1, 2, 2)

Diagnosing student ideas in video (2, 1)

Planning lessons/activities to be videotaped for analysis (3, 2)

Energy

Energy topic study (1, 1, 2, 3)

Energy diagramming (2, 3)

Energy in photosynthesis (3)

Chemical energy

Integration of energy in district curriculum (2, 2, 1)

Other Science Topics

Waves (3, 2, 3, 2)

Electromagnetism (3, 2)

Qualitative ideas about force and motion (2, 1, 1, 3, 1, 1)