

STEM Roundtables, Feb. 7

Topics for discussion in questions below. Take notes in the "enter your answers" boxes below. You'll need a promethean board to show at least the first video clip to spark discussion.

Group 1: (Moderator: Joye, Shaun) Becky, Slaton, Beckworth, Albright, Bolsen, Hawkins, Ellis, Goodwin-Gray, Booterbaugh

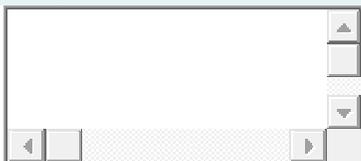
Group 2: (Moderators: Samantha, Kendall) Curry, Arcidionocono, Hinton, Thomas, Kaufman, Stallings, Mark, Rucker, Anu, Johnson

Group 3: (Moderator: Donna) Cowden, Garbade, Boykins, Smith, Wilder, Storck, Mary, Brantley, Ross, Robyn

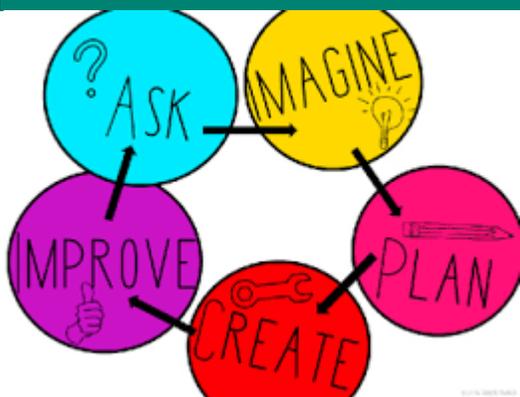
Group 4: (Moderator: Linda, Brittany) Yuhas-New, Mainland, Hardin, Monts, Mathis, Hecker, Price, Mahone, Kennedy

1

Agenda: *Check-in with each group - Current PBL for each grade level -Changes since last Roundtable? Improvements? -Can the STEM team help in any way? *21st Century skills (see video below) This is WHY we're doing this. Traditional methods are leaving kids ill-equipped for 21st century jobs. *EDP checkup (below) *Collaborative Classrooms (or Flexible Learning Environments) - (video below) our classrooms need to be set up for collaboration and the steady hum of productivity. Vast stretches of silence are no longer a hallmark of effective teachers!



2



The EDP: What is it? How do we use it? Do our kids know it? Do they know they can use it to solve any problem... not just engineering problems? Discuss.

Try it: Imagine you come home late from work, you're starving, and you have friends coming over in 30 minutes. How could the EDP be used to solve this problem? Remember... the question you ask BOTH defines the problem and seeks a solution.

3



21st Century Skills - This video presents the answer to the questions many of us have: Why STEM and why now? Discuss.

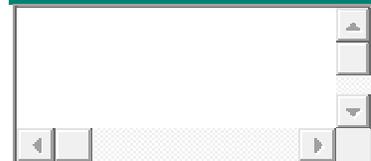


4

Flexible Learning Environments - Discuss your classroom arrangement. Is the furniture set up in such a way that encourages collaboration? Access to technology (in its broadest definition)? We don't have these cool desks, but how can we use what we have to establish a flexible learning environment?



5



Add question

Saved