

Agenda 2nd TA Follow up workshop (3/8/19) – Morning Session

Themes from TAs responses on challenges faced.

Engagement

Time Management

Academic integrity

Diverse learner (high & Low achiever)

- Group Dynamics

(9:00- 9:05) **Welcome back** quick intro of us and each other 3 minutes

(9:05: 9:07) **Structure of Professional Development**

(9:07-9:37) Reflection (30 minutes)

- a. What advice would you give to a new TA who will be assigned to the STEM lab? What support would you offer? What areas would you encourage them to solicit help for?

(9:40- 10:10) How to motivate the unmotivated? (30 minutes)

- b. Video – Building a plane while flying it
- c. Levers of motivation (from a teacher perspective and from a student’s perspective)
- d. Cheat sheet of teaching strategies that can motivate and engage students in learning STEM. (Handout in packet) Ask TAs how could they use it within their context (Jigsaw could be utilized)

(10:10-10:20) BREAK (10 minutes)

(10:20-11:00) Facilitating productive group work (40 minutes)

ABC’s of Behavioral Interventions (Classroom management)

Accommodating diverse learners

- i. How do you ensure the high performing students and low performing students are contributing?
- ii. What are do’s and don’ts? (Poster paper)
- iii. Classroom management components

Assigning roles and responsibilities (suggestions from facilitators)

11:00-11:25 –Questioning strategies take three (know your purpose and design appropriately)

- iv. Provide additional insights about questioning.
- e. Effective feedback Timeline for feedback on assessment measures
 - i. Feedback should be timely, specific and actionable....then implemented

11:25-11:35 Visual representations (30 minutes)

- a. Pictures and video clips
 - ii. How images ignite cognitive memories and schematic connections.
- b. Mnemonics
- c. Mind maps
 - iii. Have TAs complete a mind map relative to their teaching, and compare their responses with their peers. Large themes to identify should include: Teaching, classroom management, engagement, questioning, feedback, reasoning

11:50-12:00 Final reflections

