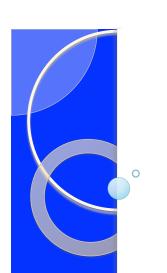




# Using Technology to Support Conceptual STEM Teaching and Learning





#### Presenters for Webinar:

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# Department of Educational Communication and Technology





### **Overview**

- Planning
- Implementing
- Monitoring
- Challenges and Successes
- Looking Ahead



### **Planning:** Project Team Meetings

### Biweekly project team meetings to:

- Recruit inservice teachers
- Recruit preservice teachers
- Prepare for workshops
- Prepare for classroom observations

### Planning: Project Team Meetings





# **Planning:** Workshops with STEM Faculty Members

Workshops with 6 Kenyatta University faculty members from STEM departments (Biology, Chemistry, Mathematics, Physics) to:

 Introduce HP equipment and familiarize STEM faculty members with how this equipment can be used in their content courses



# **Planning:** Workshops with STEM Faculty Members







### **Planning:** Workshops with STEM Inservice Teachers

- Workshops with 8 STEM inservice teachers from two high schools (I girls school, I boys school) to:
- Introduce technology and support teachers in planning for and implementing the use of technology in their lessons



## **Planning:** Workshops with STEM Inservice Teachers







### **Planning:** Workshops with STEM Preservice Teachers

Workshops with 80 STEM preservice teachers to:

 Introduce technology and support preservice teachers in planning for and using technology during their teaching practice

# **Planning:** Workshops with STEM Preservice Teachers



