

Sample Questions

Please use the examples below to assist you in completing questions to gather more information about the root cause of lack of participation or completion of NTO courses.

Name and Number of Selected CIP or Pathway Computer Systems & Networking		
Selected Root Cause Category Education	Selected Root Cause Instructional Strategies	
Question What in-service opportunities are provided to teachers focused on centered instrumental strategies? How often are they offered? (survey teachers and administrators) Couple this with observations and subjective information what is taught/learned in these P.D. sessions.	Question How often are hand-on learning opportunities provided? (survey students and teachers) Ask students to describe the hand-on learning opportunities. Visit classrooms and observe the use of hand-on learning.	Question Teacher survey-Were you provided opportunities to learn and practice learner-centered teaching strategies in your preparation program? (survey teachers and teacher prep programs)

Name and Number of Selected CIP or Pathway Computer Systems		
Selected Root Cause Category Education	Selected Root Cause Access to STEM	
Question Make math and science a requirement, what happened to technology?	Question Why not interface all STEM subjects and give them equal weight for H.S. requirements?	Question Are classes in networking advertised as hands-on classes and are we using examples of both male and female workers for curriculum?

Name and Number of Selected CIP or Pathway
Computer Systems

Selected Root Cause Category
Caraeer Informations

Selected Root Cause
**Characteristics of an
occupation**

Question

**Has the job outlook
improved since the dot
com bubble burst? (seek
research)**

Question

**What level of mathematics
skill is timely required to be
successful in this field?
(interview people in this
field)**

Question

**Do any women work for
the Geek Squad and are
they really geeks? (contact
Best Buy HR and identify
employment requirements)**

Name and Number of Selected CIP or Pathway
Computer Systems

Selected Root Cause Category
Education

Selected Root Cause
Academic Proficiency

Question

**Has any research been
performed in single sex
classrooms?**

Question

**Are females participating
more in STEM when
seperated from boys?**

Question

**Use video games that
appeal to girls, what about
other elements of popular
culture?**

Name and Number of Selected CIP or Pathway
Computer Systems Networking

Selected Root Cause Category

Early Intervention

Selected Root Cause
Do we explain how computers work - i.e., binary

Question

**Is the person who does computer work at school male or female?
Are they given a face?**

Question

**How much time do elementary kids get with computers?
Are the games played equally by boys and girls or are their gender preferences?**

Question

**Do we encourage kids to use computers in art, FACS, literature?
Are computers used as a tool or jus an aid?**

Name and Number of Selected CIP or Pathway
Computer Systems Networking & Telecomm

**CIP 110901
Info Tech Cluster**

Selected Root Cause Category

School/Classroom Climate

Selected Root Cause

Question

**How many females are in the faculty and department?
How can quest speakers be used to provide additional female role modles in the IT area?**

Question

How is the classroom team environment structured?

Question

Are website clubs supporting students in CTE at School?