1) Introduction (have flyers & handouts available)
   a) Thanks for coming
   b) Start with introducing – self – role at ISU
      i) Name
      ii) ISUE 4-H
      iii) If don’t know much about Extension
           (1) Promote healthy communities in Iowa
           (2) Outreach arm of the land-grant University
           (3) 4-H – youth
           (4) Support and resources – STEM opportunities
   c) (If small group) audience – where from – role?

2) Main Purpose today
   a) Share new tool – rolling out
   b) Discuss how useful – your work
   c) Encourage – help populate
   d) Feed back – how can we make it more useful
   e) This is a discussion – interrupt, ask questions, make suggestions.

3) CYSTEM (Connecting Youth to...) (Pull up map)
   a) Beta Version – future changes in appearance
   b) Interactive online map – like Google map
   c) Information about STEM opportunities for youth
   d) User populated – moderated crowd sourcing
   e) Wish – computer lab – play
      i) Instead – walkthrough
   f) Primary audiences – Youth – Parents – Adults who work with youth in STEM

4) How we imagine Youth/Parents using
   a) Find programs – topics of interest
   b) Find mentors – e.g. science fair project
   c) Learn about Career opportunities in Iowa
      i) See all the high tech, exciting, meaningful career opportunities in Iowa – home town even

5) Adults who work w/ youth
   a) Put your program on the map – get the word out
   b) Help – find programs, mentors, imagine future careers
   c) Find stem professionals
      i) Expertise in specific topics
      ii) Willing to work with youth and share passion for STEM – classroom, camp, afterschool, club, etc.
      (1) Mentor individual students
      (2) Give presentations
      (3) Give tours
      (4) Judge science projects
      (5) Provide technical assistance or specialized knowledge
   d) Connect to others doing similar work – ideas, help, etc.

6) How it works
   a) Alpha testing
      i) Guinea pigs – 4-H staff – put programs on the map
      (1) So that is most of what is on the map now
      ii) Worked out bugs
      iii) Did usability testing
   b) Current = beta version – ongoing small changes
   c) Ready to reach out to other people and organizations to start really populating map
      i) Increase number and variety of programs
      ii) Increase number of mentors
      iii) Get started putting careers on map
   d) Rockwell Collins has agreed to first trial run
      i) Employees put careers on map
      ii) Employees apply to be mentors
7) Get ahead of self – How it works
   a) Zoom and Pan
   b) Click on markers to learn about opportunities
      i) Click on one or two programs
         (1) Read contents
         (2) Explain how info is organized
      ii) Click on one or two mentors
         (1) Same as (i)
   c) Explain Filters
      i) Mentors only – only robotics – only geospatial
      ii) Programs only – sustainable practices
      iii) Careers only – computers & networking
   d) Search function
      i) Make up scenarios – type in “Medical”

8) Populating the map
   a) Forms button
   b) Forms Page – more info in on page soon
   c) Program Form
      i) Updating program info
         (1) Retrieving program number
         (2) Only auto-fills public info
      ii) Contact person – internal only
      iii) Overview of program info we collect
      iv) Attach a picture!
         (1) If not – default
   d) Mentor Form – same procedure

9) What happens after you submit
   a) Program
      i) Check for legitimacy then publish
   b) Updates
      i) Check with original submitter
      ii) If cant contact – check for legitimacy then post
   c) Careers
      i) Check that it is in Iowa and looks legitimate – post
      ii) No name or contact info – only job title and employer

10) Call to action
    a) Take flyers – give to everyone you know who:
       i) Might use the map
       ii) Might populate the map
    b) Share map with youth/parents you work with to they
       can find mentors/programs
    c) Send flyers home to parents
    d) Fill out a form for any programs you help with
       i) After school programs
       ii) Workshops/camps that repeat
       iii) Clubs
       iv) School programs – not school itself
    e) Use CYSTEM in your work

11) Wrap-up
    a) Email for electronic version
    b) Finding map – Iowa 4-H website Hotlist
       i) Google Iowa 4-H
       ii) Go to ISU webpage – search for 4-H
       iii) Go to Extension website – Educate – Iowa 4-H
           Program
    c) Share other resources – eg. ESET website, ETEC
       website, PERKits