


# **Creating Indicators**




**For the Evaluation of Digital  
Learning Projects**

- 
- Recording
  - Additional materials
  - Interaction
  - Who we are

# 3 Step Evaluation Process



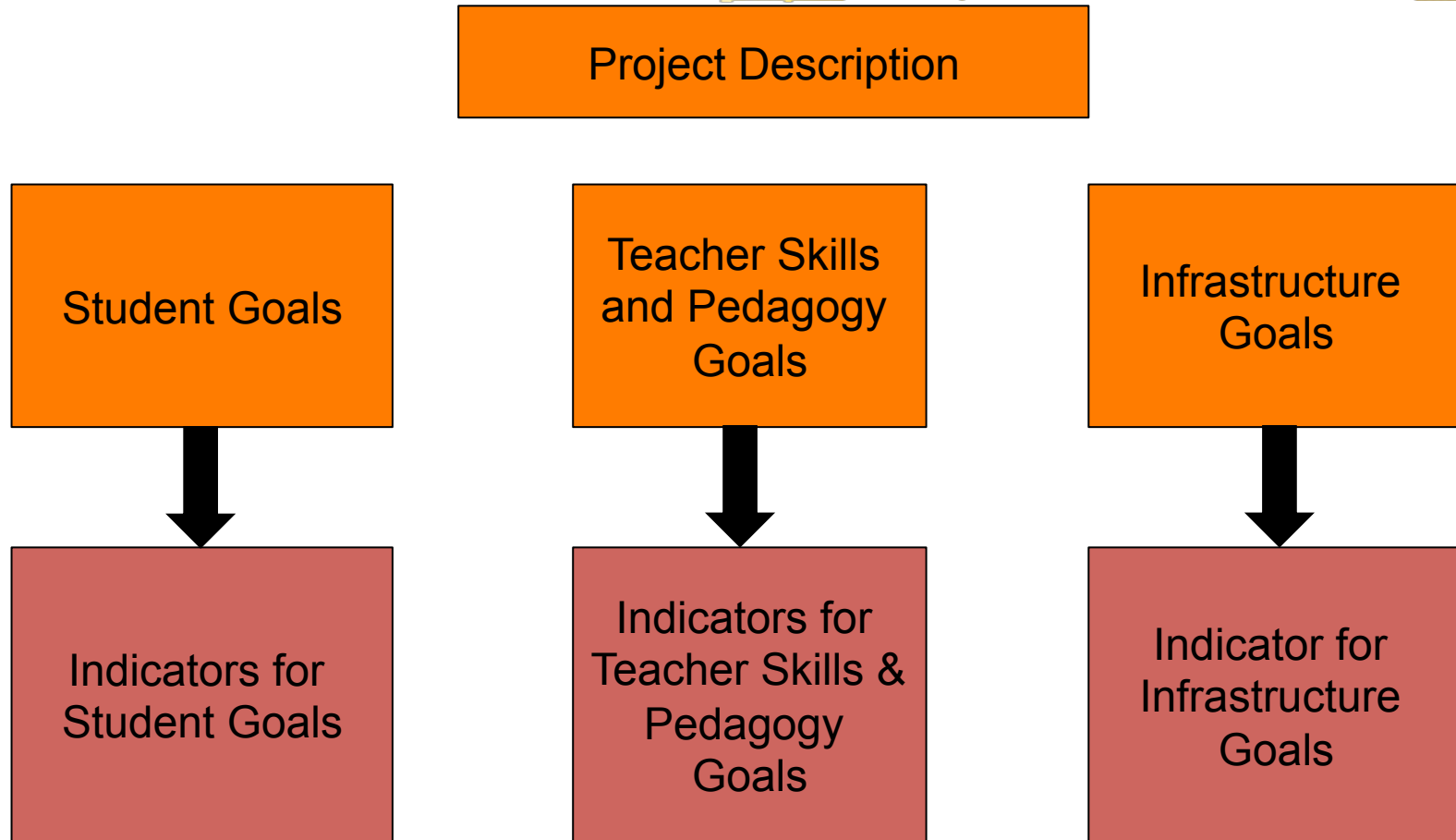
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- Technology-supported personalized learning environments
  - Blended learning initiatives
  - Pilot and model programs
  - *Examples of initiatives/projects that you would like to evaluate?*

# What is an Indicator?

- A description of what it looks like when a goal is met
  - Your initiative should have multiple goals, representing different aspects/domains of effort
    - Goals about student learning/impact
    - Goals about professional development
    - Goals about infrastructure
- Together the set of indicators account for a project's success overall

# A Digital Learning Example

([http://bit.ly/indicator\\_sample](http://bit.ly/indicator_sample))



# A Digital Learning Example

| Category                    | Goal   | Indicator  |
|-----------------------------|--|--|
| Teacher Skills and Pedagogy | Teachers will:<br><br>Use unit materials (lesson plans, software, hardware) to support a differentiated, student-centered, and collaborative learning experience for students within this curriculum unit. | Teachers facilitate student use of <i>Solids Elementary HD</i> on a classroom set of 6 iPads to establish and conduct a highly differentiated student-centered learning experience for students attempting to meet the grade 4/5 NCTM Geometry standard. |

*Questions/Comments?*

# Determining Indicator Content

- Identify project goals
- When writing each indicator consider:
  - Best practice
  - Standards



# Indicator Inputs: Best Practice

- Resources on the Sun Associates site that discuss best practice for digital learning, technology implementation, etc.
- Edutopia, etc.
- Connections with other districts working on the same issues (MassCUE, ISTE, etc.)

# Indicator Inputs: Standards

- ISTE
- Curriculum standards and frameworks (e.g. NGSS, Common Core, state standards)
- Digital learning materials and resources
  - Achieve.org rubrics (particularly III, V, VI and VII)

# Indicator Language

- Indicator statements can contain a mix of qualitative and quantitative language.
- Indicator statements should be declarative statements of success
  - Comparative statements or statements of growth require a baseline



■ *Questions?*

# Process



- Indicator development is work that is best done collaboratively
- Work with your participants and stakeholders to develop these indicator statements
- Authentic assessment engages those who are being assessed!



■ *Questions?*

# Recap



- Indicators are based on goals
- Indicators drive and frame data collection
- Through the indicator development process, you may gain additional insight into the full range of goals for your project
- Indicators should be descriptive and measurable

# Next...



- The next session will focus on the next element of the process – data collection





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