

# Race to the Top

## Expectation for STEM Programs of Study

### STEM Programs of Study and Individual Learning Plans (D9)

“For districts serving grades 9-12, the district establishes two or more Programs of Study promoting critical STEM application areas; for other districts, as applicable, the district establishes an individual learning plan program, commencing in 7th grade, that aligns to a Programs of Study model in the predominant feeder schools for high schools implementing STEM Programs of Study.”

- Grades 9-12: Research and select two Programs of Study
- Grades 7-8: Research and select an individual learning plan model
- Pilot “individual learning plan” model in 2013 – 2014
- Full implementation in 2014 – 2015

NOTE: For K-8 districts: If your predominant feeder schools for high schools that have Programs of Study – not just STEM Programs of Study, you are required to develop an individual learning plan program.

# Individualized Learning Plan

- Developing individualized learning plans for middle-school students that are aligned to P-20 STEM Programs of Study at the high school level.
  - RTTT3 Participating LEAs will be required to:
    - Implement a strategy to link student data across local systems to enable the creation of integrated learner profiles that can support learning plans and other personalized learning tools;
    - Establish an individual learning plan program, commencing in the 7th grade, that identifies students' academic and career interests and aligns to a P-20 STEM Program of Study model. The individual learning plan program must be implemented at minimum in the predominant feeder schools for high schools implementing P-20 STEM Programs of Study

# Individualized Learning Plan

An **individual learning plan** is a tool that students use – with support from school counselors and parents – to define their personal interests and goals related to their education, career and postsecondary education and to plan what courses to take and what activities to participate in during their educational experiences to further their interests and achieve their goals.

# Individualized Learning Plan

- Is not a one time activity
- On-going process
- Usually begin in middle school
- Usually started with parents and school guidance counselor communicating with student
  - Career interest
  - Personal strengths
  - Work values
- Computer-based interest and inventory skills can be accessed via the internet
  - What's next Illinois - [https://secure.whatsnextillinois.org/High\\_School\\_Planning/default.aspx](https://secure.whatsnextillinois.org/High_School_Planning/default.aspx)
  - Career Cruising – <http://public.careercruising.com/us/en>
  - Kudor - <http://www.kuder.com/>

# Individualized Learning Plan (ILP)

**Students can use an ILP to guide decision making and monitor the progress toward goals and may include:**

- Skills
- Abilities
- Hobbies
- Accomplishments
- Current and past classes
- Grades and test scores
- Examples of student work
- Results from career, college, and interest assessments
- Personal goal statements
- Accommodation needs
- Career Exploration
- Job Search
- College and financial planning activities
- Contact information for parents, advisors, teachers, mentors and other supportive adults

## ILPs continued

**For High School Students' ILPs can be used to guide decision making and monitor the progress toward goals and may include:**

- Review school and Illinois specific information
  - High School Graduation Requirements
  - High School Course Options
  - Post-secondary education and training programs offered
  - Occupations/career clusters in demand locally and statewide
- How to search for job opportunities
- Find Community Resources
- Services Relevant to their Personal Needs