

Course Syllabus

Success in Six! is an online course developed by INFOhio 2016.

Note to facilitator. *Add dates, face-to-face meetings, and virtual discussions throughout the syllabus. Facilitators will need to determine if they are offering 1, 2 or 3 hours for the coursework.*

- I. Course Description:** *Success in Six!* consists of six self-paced learning modules, designed with assignments and activities to be embedded in the educator's classroom work. Each module focuses on skills and thinking to transform classroom assignments and instruction with technology tools, resources and innovative solutions.

BLENDED LEARNING: *Success in Six!* is designed to be used either for independent learning in an online environment or in a blended learning environment, combining the online delivery of educational content with group interaction and live instruction. *Success in Six!* is designed to be easily used from the INFOhio website.

II. Course Goals and Outcomes:

Course Goals: *Success in Six!* helps teachers and administrators gain techniques and resources for classroom instruction with the goal of preparing students who are college and career-ready.

Participants will examine their approaches to classroom instruction and apply their new learning to create instructional changes that develop skills students will need in their future.

Learning Objectives: Classroom Teachers

By the end of this course students will:

1. Design or adapt relevant learning experiences that integrate digital tools and INFOhio resources into instruction to promote student learning and creativity. (Adapted from ISTE-T Standard 2)
2. Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources. (ISTE-T Standard 2)
3. Address the diverse needs of all learners by integrating appropriate digital tools and INFOhio resources into instruction. (Adapted from ISTE-T Standard 4)

Learning Objectives: School Administrators

By the end of this course students will:

1. Model and promote the frequent and effective use of technology for learning (ISTE-A Standard 2)
2. Provide learner-centered environments equipped with technology and learning resources to meet the individual, diverse needs of all learners (ISTE-A Standard 2)
3. Ensure equitable access to Ohio's appropriate digital tools and resources to meet the needs of all learners. (Adapted from ISTE-A Standard 5)

III. Format and Procedures:

Success in Six! contains six (6) modules. In this class we will be working with the modules highlighted below.

- **Develop Your Research Toolbox**—Use online research to develop more than cut-and-paste skills. Use it to develop critical thinking, problem solving, and communication skills by using the techniques in this module.
- **Learn to Search Effectively**—Are you tired of your students finding the top three hits on Google and calling it a search well done? Then try the techniques in this module to give them insider tips on more effective search techniques that will save them time and make them look like research experts.
- **Discover High Quality STEAM Resources**—Ohio educators have access to thousands of diagrams, videos, virtual experiments, and articles that support science, technology, engineering, the arts, and math topics. Learn ways to incorporate them in this module.
- **Engage Your Students with Reading Resources**—We all tend to skim when we read online, yet we ask our students to read more and take more tests online than ever before. This module gives you techniques for helping students read deeply and comprehend more using INFOhio's online text.
- **Find Free Content for Your Blended Classroom**— Learn easy ways to integrate INFOhio's free digital content into many learning management systems (LMS) for blended learning while developing new techniques to personalize learning for your students.
- **Explore INFOhio's Differentiation Tools**—Discover innovative techniques for using digital tools to help students learn wherever they are and whatever their needs.

IV. Course Requirements:

Two (four, six) lessons and reports are required. These reports will be submitted as determined by the course facilitator.

Success in Six! class activities include:

- Working with students applying tools and practices from *Success in Six!* modules.
- Reporting application as outlined.

V. Assessment:

Success in Six! assessments are job-embedded. Students report on their activities and participate in small group and online discussions regarding the work.

Participants are encouraged to apply the learning in their classroom, school or district. Application activities might include:

1. Creating and sharing lesson plans.
2. Creating and sharing assessment tools, questionnaires, surveys.
3. Creating and sharing bibliographies.

VI. Grading: Academic Integrity:

1. Any work submitted by a student in this course for academic credit will be the student's own work. Students are encouraged to collaborate as they work through the course content.
2. Students are encouraged to study together and to discuss information and concepts with other students. Students are expected to either give "consulting" help to or receive "consulting" help from other students as needed. However, this permissible cooperation should never involve one student having possession of a copy of all or part of work done by someone else.
3. The university policy regarding academic integrity prevails.

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VII. Schedule & Assignments

- Course link sent to students.
- Face-to-face meeting with participants either in person or through video conferencing or telephone conference call.
- Each module includes a certificate and badge. Collection and posting of these is determined by the facilitator.

Note: *Modules can be delivered in the order determined by the facilitator.*

Module: Develop Your Research Toolbox—Use online research to develop more than cut-and-paste skills. Use it to develop critical thinking, problem solving, and communication skills by using the techniques in this module.

Date	Get Ready: Investigate IMatrix and identify tools and strategies to help students build thinking dispositions and research skills.
Date	Dive In: Explore a grade level appropriate resource from those listed in Dive In and discuss how you will or are using the resource with students.
Date	Achieve Success: Explore a grade level appropriate resource from those listed in Achieve Success and discuss how you will or are using the resource with students.
Date	Achieve Success: Review the Extend the Learning materials. Develop a lesson using the information you learned in Develop Your Research Toolbox. Use the “Develop Your Research Toolkit Lesson Plan” as a model.

Module: Learn to Search Effectively—Are you tired of your students finding the top three hits on Google and calling it a search well done? Then try the techniques in this module to give them insider tips on more effective search techniques that will save them time and make them look like research experts.

Date	Get Ready: Describe how you will introduce students to the differences in search engines and how you will have students compare the way search engines retrieve and display results.
Date	Dive In: Discuss how you will help students learn how to expand and narrow a search using keywords. In the discussion include ways you will use ISearch and other search engines in the lesson.
Date	Achieve Success: Prepare a lesson that introduces students to searching while they are learning about a curricular topic. (You are welcome to use the lesson provided in Extend the Learning.) Discuss your observations of student search strategies as they work through the lesson.

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Module: Discover High Quality STEAM Resources—Ohio educators have access to thousands of diagrams, videos, virtual experiments, and articles that support science, technology, engineering, the arts, and math topics. Learn ways to incorporate them in this module.

Date	Get Ready: Download the form “Steam and Critical Thinking”. Record your ideas as you explore the resources in this module.
Date	Dive In: Identify one resource you will use from Dive In. Discuss how you will use this resource in your instruction.
Date	Achieve Success: Identify one lesson from TeachEngineering that you will adapt in your classroom. Discuss how you will adapt the lesson.
Date	Achieve Success: Which Curriculum Toolbox did you investigate. Discuss how you will use the materials you found in your teaching.
Date	Achieve Success: Create a lesson and include in it appropriate tools and resources introduced in “Discover High Quality STEAM Resources”.

Module: Engage Your Students with Reading Resources—We all tend to skim when we read online, yet we ask our students to read more and take more tests online than ever before. This module gives you techniques for helping students read deeply and comprehend more using INFOhio’s online text.

Date	Get Ready: Download the “Engage Students in Reading” form and record your ideas as you explore the module.
Date	Dive In: Read “Being a Better Online Reader” and discuss these questions: <ul style="list-style-type: none"> • What type of reading do you prefer? • What do your students prefer? • What have you noticed about yourself and your students when reading online? • What did you connect with? • What are your opinions of the article?
Date	Achieve Success: Discuss ways you will introduce parents to digital reading strategies. Include in the discussion resources you have learned about in “Engage Your Students with Reading Resources”.
Date	Achieve Success: Submit a lesson demonstrating digital close reading skill development using the resources you have learned about in <i>Success in Six!</i> .

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Module: Find Free Content for Your Blended Classroom— Learn easy ways to integrate INFOhio’s free digital content into many learning management systems (LMS) for blended learning while developing new techniques to personalize learning for your students.

Date	Get Ready: Discuss one of the articles you read in the INFOhio Blended Learning Curriculum Toolbox.
Date	Dive In: Create either a sample blended assignment or a document modeling a blended class using selected tools and resources from INFOhio.
Date	Achieve Success: Add an additional assignment to the one you began in Dive In. Include a discussion of an article, a quiz on a video or a lab report from a Science Online interactive lab.
Date	Achieve Success: Create a lesson plan for a sample blended class with the 2 assignments from above. Discuss how you will use the INFOhio resources in your blended class to help your students become critical thinkers and problem solvers.

Module: Explore INFOhio’s Differentiation Tools—Discover innovative techniques for using digital tools to help students learn wherever they are and whatever their needs.

Date	Get Ready: Discuss. What type of learner are you? What type of learners are your students? How do you help students create their own questions as they are learning?
Date	Dive In: Download the checklist of differentiation features for: <ul style="list-style-type: none"> • World Book • Explora • Digital Video Collection • ISearch. Track these features as you explore resources.
Date	Achieve Success: Create a lesson demonstrating ways you will differentiate for students using the INFOhio tools and resources you have learned about.

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Grading Rubrics

The following rubrics are used to judge your course work.

Activity Rubric
Grading scale: Pass/No Pass
<p>Pass Criteria</p> <ul style="list-style-type: none"> • Meets the specified requirements of the activity • Demonstrates knowledge of the subject matter relevant to the activity • Reflects accurate understanding of concepts and terminology • Appropriately cites sources of information where required.

Adapted from Leading Edge Certification <http://leadingedgecertification.org>

Discussion Rubric	
Grading scale: Pass/No Pass	
	Pass Criteria
Discussion Thread Post	Post or in-class discussion shows a clear connection to the prompt.
Response to Other Students	Responses to other students are welcoming and encourage the conversation.

Adapted from Leading Edge Certification <http://leadingedgecertification.org>