

## IWonder Trainer Guide

2 Contact Hours



### Optional Training Activities

- Optional training activities are estimated to add 55 minutes to the original training time and include the minutes indicated for the original activity.

### Learning Objectives

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Participants in the IWonder class will achieve nine objectives:

- Locate IWonder on the INFOhio website.
- Understand the organizational structure of IWonder.
- Navigate the IWonder site to locate resources for student use.
- Discover how to challenge students using IWonder Genius Hour.
- Learn how to differentiate instruction with IWonder and IWonder Genius Hour.
- Teach students how to use IWonder to locate information during the inquiry process.
- Demonstrate how to use IWonder to locate information to help with homework assignments.
- Create lesson plans using IWonder Genius Hour to stimulate student curiosity and sustain short inquiry projects.
- Reflect on learning by sharing information with others.

**In this course, you will work through several lessons to learn how to access INFOhio's IWonder, how to use the tool, and how to integrate it into your classroom teaching. Below is a description of each lesson and the amount of time it should take for you to complete each one.**

### Getting Started

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#### Pretest

- **Lesson Content**

Take a quiz to find out what you know or need to know about IWonder. (5 minutes)

#### Welcome to the IWonder Class

- **Lesson Content**

Review the course objectives and the course overview. (5 minutes)

#### Optional Training Activities

- What is Genius Hour? Use a web-based word cloud generator like [Answer Garden](#) or [Poll Everywhere](#) to share what they already know about Genius Hour. (5 minutes)
- Create a "Parking Lot" for questions that arise throughout the training. Place your "Parking Lot" on chart paper or track in a shared digital document like Google Docs. (5 minutes)

#### Using Open Space Groups

- **Lesson Content**

Join the INFOhio Resources for Research group in Open Space. In this group, discuss and reflect on the integration of this resource into the classroom with like-minded educators. (5 minutes)

#### Optional Training Activity

- Take time to explore the [INFOhio Resources for Research group](#) in Open Space. Have each participant join the group and review the Discussion questions posted in the group. (5 minutes)

### How to Use IWonder

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#### Getting to Know IWonder

- **Lesson Content**

Gain an understanding of the organizational structure and navigation features in IWonder. (5 minutes)

### Optional Training Activities

- Distribute the IWonder Comprehension Exercises (found in the exercise files tab and this lesson of the class) to participants and ask them to work in pairs throughout the lesson, recording the information they learn on the handout as they go. Encourage collaboration. (Time included in the activity)
- Answer the discussion questions in the [INFOhio Resources for Research group](#) in Open Space. Find the *Features of IWonder* reflection question in the Discussions tab. Reply to the thread and review other participants' responses. (15 minutes)

### Using IWonder

- **Lesson Content**

Learn how to use the categories in IWonder to support student learning and assist with homework and spark curiosity. (10 minutes)

### Optional Training Activities

- Break participants into small groups of four people each. Ask each group to complete "Using IWonder" as directed in the class. (10 minutes)
- Ask each group to share a resource from IWonder that they would use with students to spark curiosity. Each small group should explain why they selected the resource in 15 words or less. Use the [On-the-Spot Chalkboard Splash](#) method for each small group to share their learning. (10 minutes)

### Using IWonder Genius Hour

- **Lesson Content**

Read the IWonder Genius Hour Teacher Guide and IWonder Genius Hour Worksheet. (15 minutes)

### Optional Training Activity

Answer the discussion questions in the [INFOhio Resources for Research group](#) in Open Space. Find the *Genius Hour* post and reply to the thread. (5 minutes)

### What Have You Learned So Far?

- **Lesson Content**

Take a short quiz to check what you know. (5 minutes)

### Applying What You Have Learned

- **Lesson Content**

Complete an activity to practice using IWonder. (10 minutes)

### Integrating IWonder into Classroom Instruction

#### Teaching Students to Locate Information with IWonder

- **Lesson Content**

Teach students how to use IWonder to get help with homework and locate information during the inquiry process. (15 minutes)

#### Optional Training Activities

- Answer the discussion questions in the [INFOhio Resources for Research group](#) in Open Space. Find the *Instructional Materials in IWonder* post. Reply to the thread and review other participants' responses. (15 minutes)
- Ask participants to share strategies to help students use IWonder to locate information.

#### Creating a Lesson to Support Inquiry with IWonder

- **Lesson Content**

Create a lesson plan using IWonder Genius Hour to sustain a short inquiry assignment. (35 minutes)

#### Optional Training Activities

- In the **Creating Lessons to Support Inquiry with IWonder** lesson, review the IWonder Genius Hour Teacher's Guide as a group. Brainstorm ways to differentiate the IWonder Genius Hour activity to meet the needs of all learners. Explore the role Genius Hour plays in supporting the curriculum. Record these ideas to make Genius Hour better in a shared space (i.e., Google Doc, Padlet, whiteboard, chart paper, etc.). (15 minutes)
- The IWonder Teacher's Guide provides suggested objectives for each day. Allow participants to plan how much time they will devote each day to the Genius Hour project. Some teachers choose to set an amount of time over approximately seven days for the duration of the project. Some teachers choose to set a specific amount of time each week over several weeks to complete each project.
- Share with participants this blog post from Teaching Channel, "[10 Great Lesson Plan Templates and Resources](#)." In this blog post, author Lily Jones shares essential components for a good lesson plan, along with samples and templates. Encourage participants to plan how to implement the IWonder Genius Hour activity into their classroom during this school year. (30 minutes)
- Consider creating a shared Google folder that includes copies of completed calendars, outlining the implementation of the IWonder Genius Hour activity. Allow all participants access to this space so they can replicate and share a variety of plans for implementation.

### Checking your Learning

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#### Self-Assessments

- **Lesson Content**

Answer questions to reflect on what you learned. (10 minutes)

#### Optional Training Activity

- Take a few minutes to review any Parking Lot questions related to IWonder instructional use. (5 minutes)
- Answer the discussion questions in the [INFOhio Resources for Research group](#) in Open Space. Find the *What Did You Learn from the IWonder Class?* post. Reply to the thread and review other participants' responses.

#### Contact Hour Quiz and Certificate

- **Lesson Content**

Take a quiz to earn a certificate for 2 contact hours. (5 minutes)