GUIDED EXPERIENCES

Preregistration is required. Guided experiences must be specifically requested when making a reservation. Online guides can be found at childrensmuseum.org/visit-guides.

JIGGLE JELLY
Grades 3–5
Wednesdays, Oct. 23, Nov. 6 and 20, 2013
April 16, 2014
10 and 11:30 a.m.
60 minutes, 30 students

Explore the interesting world of polymers with professional scientists. Students will note observations in a student lab booklet. These workshops are sponsored by the Indiana Section of the American Chemical Society through financial and volunteer support. (Online Unit)

Indiana Academic Standards
Science: 5.1.1, Supports Nature of Science Standards

EXPLORING CELLS AND DNA
Grades 4–5
Wednesdays, August–December 2013, March–May 2014
10 and 11 a.m.; noon
40 minutes, 40 students

Explore the parts of a cell using models, compare the difference between plant and animal cells, and extract and examine DNA from a plant. (Online Guide)

Indiana Academic Standards
Science: 4.3.1, Supports Nature of Science Standards

DESIGN-A-SAUR
Grades 3–5
Tuesdays, September 2013–May 2014
10, 10:30, 11, and 11:30 a.m.
20 minutes, 30 students

How did dinosaurs adapt to their environment? Explore animal adaptations as you create a dinosaur that will have adaptations to meet certain conditions by using modern animal images for inspiration. Share how what we know about modern animals might help us figure out more about dinosaurs. (Online Guide)

Indiana Academic Standards
Science: 3.2.4, Supports Nature of Science Standards

WILBUR WRIGHT
Grades 3–5
Wednesdays and Thursdays, September 2013, February–May 2014
11 a.m.
20 minutes, 60 students

Learn how the Wright Brothers found inspiration from kites and toys to design their famous aircraft. Hear about the wind tunnel experiments completed by the Wright Brothers to test their ideas. Listen as Wilbur Wright recalls their first flight over the dunes. This experience is a great companion to the Flight Adventures planetarium show (page 14) or CSI: Exploring the Wind Tunnel (page 11). (Online Guide)

Indiana Academic Standards
Science: 4.4.1, 4.4.3
George Washington Carver
Grades 3–5
Wednesdays, January–February 2014
10, 10:45, and 11:30 a.m.; 12:15 p.m.
30 minutes, 30 students
George Washington Carver was an innovative African American scientist who created new uses for common agricultural products. Learn about some of his many inventions as well as current innovations for common plants. This program is a great companion to Ruby’s Story (page 8) or the Madam C. J. Walker Presents theater program (page 13).

Indiana Academic Standards
Science: 3.3.1, 4.3.2, Supports Nature of Science Standards

Up Close: Fall Creek Watershed
Grades 3–4
Wednesdays, August 2013–May 2014
9:30 a.m.
20 minutes, 30 students
Conduct an experiment on a model of the Fall Creek Watershed. Discover how water moves through our community and learn about the water cycle. Explore the importance of a healthy watershed to the well-being of our entire water system.

Indiana Academic Standards
Science: 3.2.5, 3.2.6

Up Close: Simple Machines
Grade 3
Thursdays, August 2013–May 2014
9:30 a.m.
20 minutes, 30 students
Identify the six simple machines and discover how they make work easier. Complete an investigation using pulleys and become a simple machine expert as you find real-life examples of simple machines in the ScienceWorks gallery.

Indiana Academic Standards
Science: 3.4.2

Test Track
Grades 3–4
Thursdays, August 2013–May 2014
10, 10:30, 11, and 11:30 a.m.
20 minutes, 30 students
Race cars are designed to be fast. Complete a scientific test to learn how different surfaces affect speed and motion. Learn how friction affects the way model cars move on a track. Don’t forget to check out our IndyCar on Level 3!

Indiana Academic Standards
Science: 4.1, 4.4.2, 4.4.3, 4.4.4

Dinosaur Sphere: The “Real” Story
Grades 3–5
Fridays, August 2013–May 2014
9:30 and 10 a.m.
20 minutes, 120 students
“Are the Dinosaur Sphere skeletons real?” The answer to this question is more complex than you might think! Learn the difference between cast, single-animal, and composite skeletons. Use fossil evidence to solve the three mysteries of Dinosaur Sphere and even touch an actual dinosaur bone!

Indiana Academic Standards
Science: 3.1.3, 4.1.5, 5.1.3

Dale Chihuly Art
Grades 3–5
Wednesdays, August 2013–May 2014
9:45, 10:45 and 11:45 a.m.; 12:45 p.m.
50 minutes, 30 students
Dale Chihuly is a world-renowned glass sculptor who created the permanent art work Fireworks of Glass and its accompanying Pergola Ceiling that rises through the core of our museum. Experience how Chihuly designed these pieces and help create a collaborative sculpture by designing a Chihuly-inspired piece of art.

Indiana Academic Standards
Visual Arts: 3.1.6, 4.1.6, 5.1.6
Science: 3.1.5, 4.1.1

Secrets of the Artifact
Grades 3–5
Fridays, August 2013–May 2014
10, 10:30, 11, and 11:30 a.m.
20 minutes, 30 students
What can artifacts and archaeology teach us about the past? Use context clues and inquiry skills to identify an artifact from National Geographic Treasures of the Earth.

Indiana Academic Standards
Science: Supports Nature of Science standards

Look for new programs to come in the Spring of 2014 that will supplement our new Take Me There: China and Terra Cotta Warriors: The Emperor’s Painted Army exhibits.

“We love the guided science experiences and we incorporate them into our Common Core Standards.”
Preregistration is required. Guided experiences must be specifically requested when making a reservation. Online guides can be found at childrensmuseum.org/visit-guides.

**THE POWER OF CHILDREN**

**RUBY’S STORY: A THEATRICAL EXPERIENCE BRINGING HER STORY TO LIFE**

*Grades 3–5*

**Tuesdays, August 2013–May 2014**

10, 10:30, 11, and 11:30 a.m.

**Thursdays, August 2013–May 2014**

10:15, 10:45, 11:15, and 11:45 a.m.

20 minutes, 35 students

Escorted by federal marshals, Ruby Bridges walked past angry crowds to get to her first-grade classroom. Hear her story from those she inspired and imagine Ruby’s inability at such a young age to understand what was happening. *(Online Unit)*

**National Common Core Standards**

English Language Arts: 3.SL.3, 3.SL.1c, 4.SL.1c, 5.SL.1c

**Indiana Academic Standards**

Theater: 3.4.1, 3.10.0, 4.4.2, 5.4.2

English/Language Arts: 3.7.2, 3.7.3, 4.7.1, 4.7.5, 5.7.1, 5.7.2

**BE COURAGEOUS: STAND UP FOR WHAT’S RIGHT**

*Grades 3–5*

**Thursdays, 10, 10:30, 11, and 11:30 a.m.**

**August 2013–May 2014**

20 minutes, 30 students

It takes courage to stand up, especially when you stand alone. Explore various scenarios that deal with bullying, respect, and responsibility. How will you choose to make a difference? This program complements your school’s character education and bullying prevention curriculum. *(Online Guide)*

**National Common Core Standards**

English Language Arts: 3.SL.3, 3.SL.1c, 4.SL.1c, 5.SL.1c

**Indiana Academic Standards**

Theater: 3.4.1, 3.10.1, 4.4.2, 5.4.2

English/Language Arts: 3.7.2, 3.7.3, 4.7.1, 4.7.5, 5.7.1, 5.7.2

**THE POWER OF ANNE, RUBY, OR RYAN**

*Grades 3–5*

**Fridays**

**August 2013–May 2014**

*No reservations required; space may be limited.*

Theatrical performances take place in The Power of Children exhibit every Friday, portraying the stories of Anne, Ruby, or Ryan. See gallery signs for show times and titles. *(Online Units)*

**National Common Core Standards**

English Language Arts: 3.SL.3, 3.SL.1c, 4.SL.1c, 5.SL.1c

**Indiana Academic Standards**

Theater: 3.4.1, 3.10.1, 4.4.2, 5.4.2

English/Language Arts: 3.7.2, 3.7.3, 4.7.1, 4.7.5, 5.7.1, 5.7.2
THE POWER OF CHILDREN CURATOR CART
Daily, 11 a.m.–noon
No reservations required.
Examine artifacts from The Power of Children up close! The Curator Cart features items related to the lives and times of Anne Frank, Ruby Bridges, and Ryan White. Included are an authentic Nazi Reichsadler, a Purple Heart, original pins from the Civil Rights Era, letters and cards sent to Ryan White, and more. See gallery signs for details. (Online Guide)

National Common Core Standards
English Language Arts: 3.SL.3, 3.SL.1c, 4.SL.1c, 5.SL.1c
Indiana Academic Standards
Social Studies: 3.1.5, 4.1.5, 5.4.2
English/Language Arts: 3.7.2, 3.7.3, 4.7.1, 5.7.1

ANNE, RUBY, AND RYAN
SOUND AND LIGHT SHOWS
No reservations required.
Anne, Ruby, and Ryan experienced things that most of us can hardly imagine. Each Sound and Light Show includes a five-minute film on one of the children that showcases relevant aspects of the exhibit. Each story creates a frame of reference for the rest of the exhibit. Sound and Light Shows play twice hourly, unless preempted by a live theater performance. See gallery signs for details. (Online Units)

National Common Core Standards
English Language Arts: 3.SL.2, 4.SL.2, 5.SL.2
Indiana Academic Standards
Theater: 3.4.2, 4.7.15, 5.7.2
English/Language Arts: 3.7.2, 4.4.7, 5.7.2

Putting a stop to bullying is a community effort. The Power of Children: Making a Difference teaches students about Anne Frank, Ruby Bridges, and Ryan White. Each young person faced extraordinary circumstances and all made a difference. Participate in museum programming found on these pages and continue the discussions with your students on a regular basis.