

professional
development
K-12 EDUCATORS
& training

TEACHER CLASSES

SUMMER 2020

Please note that due to ongoing Covid-19 developments, all teacher professional development opportunities will be offered online throughout the summer. Learn from the comfort of your own home as we utilize best practices for both in-person and virtual classrooms. Please review this updated schedule of our courses, and we hope to “see” you this summer!



Each class addresses NGSS.

See our website for full class descriptions, specific concepts and practices addressed.

All classes offer PDCHs (CPDUs).

Take Classes for Graduate Credit.

Graduate credit through Dominican University is optional for most classes. Dominican University will accept up to 6 hours of credit from these class options as electives in their MaEd program.

ISTA members receive a discount on ISTA-led classes.

Must use the coupon code found on the ISTA website member portal!

Register online at www.CZS.org/Teacher-Classes

PROVIDED BY

Institute of Science Teaching Excellence
A PROGRAM OF THE CHICAGO ZOOLOGICAL SOCIETY

 DOMINICAN
UNIVERSITY
Where Learning Demands More

 ILLINOIS
DEPARTMENT OF
EDUCATION
Illinois Department of Education

 ILLINOIS
DIGITAL
EDUCATORS
Alliance

 ILLINOIS
STATE
TEACHER
ASSOCIATION
ISTA

BROOKFIELD
ZOO

Chicago Zoological Society

professional
development
K-12 EDUCATORS
& training

TEACHER CLASSES²⁰²⁰

Each class addresses NGSS

See our website for full class descriptions, specific concepts, and practices addressed.

Register online at www.CZS.org/Teacher-Classes

JUNE
16-18

Animals with Bad Raps

All Grade Levels

Tuesday, June 16; Wednesday, June 17; and Thursday, June 18, 2020 (10:00 a.m. to 3:30 p.m.)
Includes break and time to complete class activities from 11:30 a.m. to 2:00 p.m. daily.

Vultures, bats, snakes, and spiders. In movies, literature, and personal experiences, these animals often evoke a negative response. However, they all provide something valuable to the world we live in. Join us in dissecting these "bad raps," identifying where they came from, and learning about these animals from the experts. You'll be able to share this knowledge with students and the larger community, and design solutions to protect these species.

\$140, 15 PDCHs (CPDUs)

1 optional graduate credit | \$100 through Dominican University, course number EDU 837

JUNE
30

Educator Professional Development Mini-Conference

All Grade Levels

Tuesday, June 30, 2020 (8:30 a.m. to 4:30 p.m.)

Teaching looks vastly different as remote learning has become the norm. Join us for this online professional development day as we look at three distinct areas; student understanding, explaining phenomena and designing solutions, and meeting all standards (NGSS, CCSS, ISTE, SEL). This day will focus on tips and tools to make online learning as interactive as possible while also building classroom connections.

\$80, 6 PDCHs (CPDUs)

JULY
8-10

Climate Change with SkyDay

All Grade Levels

Wednesday, July 8; Thursday, July 9; and Friday, July 10, 2020 (10:00 a.m. to 3:30 p.m.)
Includes break and time to complete class activities from 11:30 a.m. to 2:00 p.m. daily.

Climate change is a topic educators struggle to teach as it often leaves students feeling helpless. Using science and engineering practices, we examine the functioning of the rusty patched bumble bee's ecosystem and the effects of change on the bee population. We also examine changing climate patterns and how to apply knowledge to predict the effects of climate change on species that rely on the ecosystem. We will focus on actionable solutions to address the decline of keystone species.

Presented by the SkyDay Team in conjunction with CZS staff.

\$140, 15 PDCHs (CPDUs)

1 optional graduate credit | \$100 through Dominican University, course number EDU 842

PROVIDED BY

Institute of Science Teaching Excellence
A PROGRAM OF THE CHICAGO ZOOLOGICAL SOCIETY

 DOMINICAN
UNIVERSITY
Where Learning Demands More

 ILLINOIS
DEPARTMENT OF
EDUCATION
Ensuring a bright future for every child

 ILLINOIS
DIGITAL
EDUCATORS
Alliance

 ILLINOIS
STATE
TEACHERS
ASSOCIATION

BROOKFIELD
ZOO

Chicago Zoological Society

TEACHER CLASSES²⁰²⁰

Each class addresses NGSS

See our website for full class descriptions,
specific concepts, and practices addressed.

Register online at www.CZS.org/Teacher-Classes

**JULY
13-17**

NGSS: Collaborating & Creating NGSS Storylines

All Grade Levels

**Monday, July 13; Tuesday, July 14; Wednesday, July 15; Thursday, July 16;
and Friday, July 17, 2020 (9:00 a.m. to 12:00 p.m.)**
with additional small group collaborative time and independent work

A weeklong online collaborative experience in NGSS Storylining!

Participants will engage in understanding the process of Next Generation Science Standards (NGSS) implementation through the creation of an NGSS storyline unit. Through collaborative work over the course of this class, participants will design a phenomenon-driven investigation using the three dimensions as prescribed by the Next Generation Science Standards. Participants will gain greater confidence in their understanding by applying their knowledge of three-dimensional learning to build coherence within a carefully designed unit of instruction. This will enable more effective and engaging pedagogy as well as enhanced learning experience for students. Developing an understanding of how to build curriculum coherence around a central phenomenon will be a central focus.

Presented by Dr. Jason Crean & Mrs. Kristin Rademaker of All Species Education Consulting.

\$280, 15 PDCHs (CPDUs)

2 optional graduate credits | \$200 through Dominican University, course number EDU 815

**JULY
21-23**

STEAM in Nature

All Grade Levels

**Tuesday, July 21; Wednesday July 22; and Thursday, July 23, 2020
(9:30 a.m. to 3:30 p.m.)**

Includes break and time to complete class activities from 11:30 a.m. to 2:00 p.m. daily.

Take a virtual field trip around the zoo in three days! Bring nature to your classroom and explore all the educational resources available to complement your classroom instruction! Each day focuses on different grade levels: Early Childhood (7/21), Elementary Grades (7/22), and Secondary Grades (7/23). Come to one, two, or three days of this à la carte class!

\$50 per day or \$140 for all three days, 5 PDCHs per day (CPDUs) for a total of 15 PDCHs (CPDUs) for all 3 days
1 optional graduate credit | \$100 through Dominican University, course number EDU 838 and must attend all 3 days

PROVIDED BY

Institute of Science Teaching Excellence
A PROGRAM OF THE CHICAGO ZOOLOGICAL SOCIETY

 **DOMINICAN
UNIVERSITY**
Where Learning Demands More

 **ILLINOIS
DIGITAL
EDUCATORS
Alliance**

 **ILLINOIS
DIGITAL
EDUCATORS
Alliance**

 **ISTA**
Illinois State Teachers' Association

**BROOKFIELD
ZOO**

Chicago Zoological Society

TEACHER CLASSES²⁰²⁰

Each class addresses NGSS

See our website for full class descriptions, specific concepts, and practices addressed.

Register online at www.CZS.org/Teacher-Classes

JULY
29-31

Debunking Misconceptions with STEAM

All Grade Levels

Wednesday, July 29; Thursday, July 30; and Friday, July 31, 2020 (9:00 a.m. to 4:30 p.m.)
Includes break and time to complete class activities from 11:30 a.m. to 2:00 p.m. daily.

Will butterflies die if their wings are touched? Will turtles feel pain through their shell? Is respiration breathing? Where are your taste buds located? Do we only have five senses? Are water atoms expanding or changing when ice melts? Do we experience seasons because of Earth's changing distance from the sun—closer in summer, farther in winter? Join us for this interactive, technology-focused, class where we look at common misconceptions and how to address them in an in-person or virtual classroom through STEAM!

Presented by staff of the Illinois Digital Educators Alliance in conjunction with CZS staff.

\$140, 15 PDCHs (CPDUs)

1 optional graduate credit | \$100 through Dominican University, course number EDU 839

AUG
4

Educator Professional Development Mini-Conference

All Grade Levels

Tuesday, August 4, 2020 (8:30 a.m. to 4:30 p.m.)

A new school season is upon us, and what better way to begin the year than with some great resources! Join us for our back-to-school mini conference with a variety of 90-minute sessions delivered by CZS staff and specialists from other local organizations. Sessions focus on phenomena-based instruction, inquiry-based learning, engineering, differentiation, meaningful classroom conversations, accommodations for English-language learners, holistic learning, and so much more!

\$80, 6 PDCHs (CPDUs)

AUG
5-7

ISTE Standards in the Zoo!

All Grade Levels

Wednesday, August 5; Thursday, August 6; and Friday, August 7, 2020 (10:00 a.m. to 3:30 p.m.)
Includes break and time to complete class activities from 11:30 a.m. to 2:00 p.m. daily.

The International Society for Technology in Education or ISTE, believes in the power of technology to transform teaching and learning, accelerate innovation, and solve tough problems in education. In this class, we apply the educator standard strands of Learner, Leader, Citizen, Collaborator, Designer, Facilitator, and Analyst to the zoo. See how you can use technology in a variety of ways to improve your practice and to challenge your students in a fun, student-centered way!

Presented by staff of the Illinois Digital Educators Alliance in conjunction with CZS staff.

\$140, 15 PDCHs (CPDUs)

1 optional graduate credit | \$100 through Dominican University, course number EDU 841

PROVIDED BY

Institute of Science Teaching Excellence
A PROGRAM OF THE CHICAGO ZOOLOGICAL SOCIETY

 DOMINICAN
UNIVERSITY
Where Learning Demands More

 ILLINOIS
DEPARTMENT OF
EDUCATION

 ILLINOIS
DIGITAL
EDUCATORS
ALLIANCE

 ISTE

BROOKFIELD
ZOO

Chicago Zoological Society