Project Director and Instructor

Jon Davey, the project director for the Kid Architecture and LEGO Camps, is starting his 37th year of design teaching. He has experience at the School of Architecture-University of Wisconsin and at the SIU Architecture Studies and Interior Design programs. As a teacher of architecture and design, he has been awarded department Teacher of the Year five times, college Teacher of the Year twice, Distinguished Faculty Award twice and college Scholar of the Year. Davey has a special concern with inspiring young people to be creative and have fun while learning. To contact Davey, call 618/453-3734, fax 618/453-1129, cell phone 618/559-8931 or email jdavey@siu.edu.

Davey will be assisted by other instructors and assistants this summer. He will not be the instructor for all sessions.

LEGO Learning Institute Research

"Defining Systematic Creativity" (excerpt)
By Edith Ackermann, David Gauntlet and Cecilia Weckstrom

Godtfred Kirk Kristiansen, the founding father of the LEGO® System of Play, believed that children should not be offered ready-made solutions, instead they needed something different that would strengthen their imagination and creativity. He devised the notion that a range of toys should fit together to form a system, in order to create a toy with value for life.

Over 50 years later, the LEGO brick has become part of popular consciousness, an indelible part of the childhood memories of many people’s world and a symbol for the exuberant optimism of children to imagine what could be and to create that vision with their own hands. Despite its near ubiquity as a symbol for creativity, little insight previously existed as to just why an open-ended system like the LEGO brick is such a powerful tool for creativity.

Creativity is the ability to generate ideas and artifacts that are new, surprising and valuable. When children make things (build and create), they make things up (imagine and fantasize) and when they play make believe (doing as if and pretending), they harness curiosity and playfulness into three different kinds of creativity: combination, exploration and transformation.

It is possible for individuals to engage their creativity systematically by cultivating the relevant mindsets behind the creative process:

- Curiosity—triggers our imagination
- Mental readiness—fuels our imagination
- Confidence—allows us to experiment with our imagination
- Positive framing—helps us see where our imagination can be used
- Commitment—makes us willing to persevere in shaping our imagination into something new, surprising and valuable.

LEGO® Camps 2018

Sessions 1, 2, 3 & 4 - June 4 – 8
Sessions 5, 6, 7 & 8 - June 11 – 15
Sessions 9, 10, 11 & 12 - June 18 – 22
Sessions 13, 14, 15 & 16 – June 25 – 29
Sessions 17, 18, 19 & 20 - July 9 – 13
Sessions 21, 22, 23 & 24 - July 16 – 20
Beginning Engineering LEGO®-Grades 1 and 2
- Session 3: June 4-8 8:30-noon
- Session 7: June 11-15 8:30-noon
- Session 11: June 18-22 8:30-noon
- Session 15: June 25-29 8:30-noon
- Session 19: July 2-6 8:30-noon
- Session 23: July 9-13 8:30-noon

Advanced Engineering LEGO®-Grades 3-5
- Session 4: June 4-8 1-4:30
- Session 8: June 11-15 1-4:30
- Session 12: June 18-22 1-4:30
- Session 16: June 25-29 1-4:30
- Session 20: July 2-6 1-4:30
- Session 24: July 9-13 1-4:30

WeDo Robotic Engineering LEGO®-Grades 3-5
- Session 10: June 4-8 1-4:30
- Session 14: June 11-15 1-4:30

Mindstorms LEGO®. Ages 10+
- Session 1: June 4-8 8:30-noon
- Session 5: June 11-15 8:30-noon
- Session 9: June 18-22 8:30-noon
- Session 13: June 25-29 8:30-noon
- Session 17: July 2-6 8:30-noon
- Session 21: July 9-13 8:30-noon
- Session 25: July 16-20 8:30-noon
- Session 29: July 23-27 8:30-noon

LEGO® Mindstorms Camp
- Campers will receive:
  - A complete, innovative, and hands-on experience with LEGO® Mindstorms EV3 systems.
  - A fully functional, Lego Robotic vehicle built and programmed by campers.
  - A chance to learn programming and robotics.
  - A chance to design and build a robotic vehicle.

LEGO® Camp
- Campers will receive:
  - A complete, innovative, and hands-on experience with LEGO® systems.
  - A fully functional, Lego vehicle built and programmed by campers.
  - A chance to learn programming and robotics.
  - A chance to design and build a vehicle.

Important Information
- Registration will begin 15 minutes prior to each camp.
- Campers will be picked up and signed out at the conclusion of camp.
- Campers must have brought a $5 deposit for each camp.
- Campers must arrive at least three weeks before the start of camp.

Registration Fee $59
- Includes all materials and projects.
- Includes all food and drinks.
- Includes all transportation and lodging.
- Includes all entertainment and activities.

Registration Deadline: June 2, 2023

To register call 618/536-7751 or log on to conference@siu.edu