

Girls Scouts + Bricks 4 Kidz® = S.T.E.M. Learning + Badges + Fun!

Bricks 4 Kidz® can help your troop earn badges in a fun environment! We utilize LEGO® bricks to learn about S.T.E.M. concepts building motorized models for a variety of themes!

www.Bricks4Kidz.com/tulsa

Call Amber Chong 918-695-4712, or email achong@bricks4kidz.com to set up a class!

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Digital Photographer: Junior - Digital Arts

It seems like almost every gadget can take a digital photograph, from phones to laptops to, of course, digital cameras. But do you know how to get the most of your digital device, and what it takes to capture a winning photo?

5 out of 5 requirements met with Stop Motion Animation Camp!

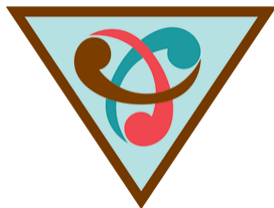
Pets: Brownie - Animals

Whether they are cute and cuddly, or slimy and slithery, pets are so much fun! If you hope to have a pet someday, use this badge to learn how to choose the pet that is right for you - and make sure it stays happy and healthy. Or find out how to take the best care of a pet you already have.



4 out of 5 requirements met with B4K models: requirements 1, 3, 4 and 5!

Inventor: Brownie - Innovation



Do you ever wonder what it takes to come up with a new kind of phone or a new way to power a light bulb? Would you like an invention that would help you tie your shoes faster or one to make elevators record your singing while you ride? In this badge, find out how inventors make stuff - and become an inventor yourself!

3 out of 5 requirements met with B4K models: requirements 1, 3 and 5!



Digital Movie Maker: Cadette - Digital Arts

A movie doesn't just tell a story; it shows a story. If you could show the whole world a story, how would it look? What visuals would it start and end with? You've probably spent countless hours watching movies – now is your chance to show others how you want them to see the world.

5 out of 5 requirements met through Stop Motion Animation Camp!



Product Designer: Junior - Innovation

A product is anything developed by one person for another. An innovation is an invention that improves people's lives, like a smart-phone or a waterproof fabric for a tent. Some innovations are entirely new and some take a product that already exists to make it better. In this badge, *YOU* are the product designer.

3 out of 5 requirements met with B4K models; requirements 1, 4 and 5!



Entertainment Technology: Junior - Science & Technology

There is an old saying that all work and no play makes life pretty dull. If you learn the ins and outs of entertainment technology, you can end up with work that is all about play! Discover the sound waves in a ringtone, the light magic that makes movies, and the topsy-turvy physics of roller coasters.

3 out of 5 requirements met with B4K models: requirements 1, 2 and 3!



Animal Habitats: Junior - Animals

Imagine meeting a monkey or kicking up dust with a kangaroo! These animals live in the wild, so we don't get to spend time with them in their natural home – their habitats. That doesn't mean we can't find out more about where they live, how they play, and how we can help them.

4 out of 5 requirements met with B4K models!

Bricks4Kidz Workshops – Troops & Service Units

Bricks 4 Kidz workshops are designed for Girl Scouts to promote learning **STEM concepts** while making connections to the real world. Girl scouts build **motorized models** using our proprietary model plans, and **LEGO® bricks, gears and motors**. Build from a gymnast to a catapult to a spin art machine, and many more to choose from over 200+ models at various competency levels. Bricks 4 Kidz workshops are fun, hands-on, interactive and engaging. The workshops are designed for Girl Scouts to earn badges – **Daisies through Cadette**, while making fun connections to STEM!

We also offer **Service Unit events that incorporate STEM & STEAM concepts** – to empower and inspire girls to what **STEM** encompasses and learn about opportunities in the real world around them. Girls will build motorized models with Lego bricks, gears and more. Various themes to choose from – laws of motion, space, inventions, life sciences, mission to space and forces of nature. Also, will work on fun games and challenges to foster teamwork, collaborative learning and character building. **STEAM** workshop incorporates STEM activities with art to engage girls in building motorized model builds but at the same time giving them an opportunity to get creative.

- **Brownies:**
 - Bugs** Badge (1 hour)
 - Inventor** Badge (1 hour)
 - STEM** and **STEAM** workshops (1 or 2 hour)
- **Juniors:**
 - Entertainment Technology** Badge (3 hour)
 - Digital Photography** Badge (3 hour)
 - STEM** and **STEAM** workshops (2 or 3 hour)
 - Architectural Model Building** workshop (1 or 2 hour)
 - Teambuilding** workshop (1 or 2 hour)
- **Cadettes:**
 - Comic Artist** Badge (3 hour)
 - Digital Movie Maker** Badge (3 hour)
 - STEM** and **STEAM** workshops (2 or 3 hour)
 - Architectural Model Building** workshop (1 or 2 hour)
 - Teambuilding** workshop (1 or 2 hour)

Workshops – We will host it at your local school or meeting location in the Tulsa, Bixby, Broken Arrow, Jenks, Owasso or Coweta area. The workshops can be scheduled on weekdays and Saturday mornings/afternoons. The minimum fee for Troop workshops is 12 scouts and Service Unit events is 24 scouts.