

DIGITAL MAKER BADGE

Stage 1

How to earn your badge...

1. Show that you know what a computer is and understand that there are lots of uses for digital technology in everyday life. Think about where you see computer systems and technology in your day-to-day life, and about how digital technology helps make things better or easier.
2. Create a graphic for a computer game, app, or website. This could be a background scene, character, or other image.
3. Write clear instructions for a computer or person to follow to complete a task.

Some Digital Maker stages involve downloading stuff from the internet, which can be risky. Make sure that young people and adults aware of the online safety rules.



DIGITAL MAKER BADGE

Stage 1

How to earn your badge...

1. Show that you know what a computer is and understand that there are lots of uses for digital technology in everyday life. Think about where you see computer systems and technology in your day-to-day life, and about how digital technology helps make things better or easier.
2. Create a graphic for a computer game, app, or website. This could be a background scene, character, or other image.
3. Write clear instructions for a computer or person to follow to complete a task.

Some Digital Maker stages involve downloading stuff from the internet, which can be risky. Make sure that young people and adults aware of the online safety rules.

DIGITAL MAKER BADGE

Stage 2

How to earn your badge...

In stage 2 you will demonstrate that you can complete digital projects which can be used in Scouting activities or in the wider world.

1. Create a piece of interactive or animated digital art using software
2. Create a simple computer program to help with a scouting activity, and try it out
3. Make a simple digital creation that uses code to interact with the wider world through inputs (such as buttons or typing on a keyboard) and outputs (such as a computer screen, sound, or lights)



DIGITAL MAKER BADGE

Stage 2

How to earn your badge...

In stage 2 you will demonstrate that you can complete digital projects which can be used in Scouting activities or in the wider world.

1. Create a piece of interactive or animated digital art using software
2. Create a simple computer program to help with a scouting activity, and try it out
3. Make a simple digital creation that uses code to interact with the wider world through inputs (such as buttons or typing on a keyboard) and outputs (such as a computer screen, sound, or lights)



DIGITAL MAKER BADGE

Stage 2

How to earn your badge...

In stage 2 you will demonstrate that you can complete digital projects which can be used in Scouting activities or in the wider world.

1. Create a piece of interactive or animated digital art using software
2. Create a simple computer program to help with a scouting activity, and try it out
3. Make a simple digital creation that uses code to interact with the wider world through inputs (such as buttons or typing on a keyboard) and outputs (such as a computer screen, sound, or lights)

DIGITAL MAKER BADGE

Stage 3

How to earn your badge...

In stage 3 you will demonstrate that you can use and combine a variety of digital making skills to complete projects that can be used in Scouting activities or in the wider world.

1. In a coding language of your choice, create a basic program to meet a need of Scouting or your section.
2. Use a programmable device (such as Arduino, Raspberry Pi, or micro:bit) with electronic components, code, and appropriate materials to create an electronic gadget and use it in a Scouting activity.
3. Design and create digital graphics for use as part of one of the above. The elements of the project should all fit within the project's specific purpose.
4. Show and present your digital making project, explaining the challenges that you encountered while creating it and how you addressed them.



DIGITAL MAKER BADGE

Stage 3

How to earn your badge...

In stage 3 you will demonstrate that you can use and combine a variety of digital making skills to complete projects that can be used in Scouting activities or in the wider world.

1. In a coding language of your choice, create a basic program to meet a need of Scouting or your section.
2. Use a programmable device (such as Arduino, Raspberry Pi, or micro:bit) with electronic components, code, and appropriate materials to create an electronic gadget and use it in a Scouting activity.
3. Design and create digital graphics for use as part of one of the above. The elements of the project should all fit within the project's specific purpose.
4. Show and present your digital making project, explaining the challenges that you encountered while creating it and how you addressed them.

DIGITAL MAKER BADGE

Stage 4

How to earn your badge...

In stage 4 you will demonstrate that you can combine a variety of digital making skills to solve a problem or meet a challenge related to Scouting.

1. Using a combination of programming, digital art, digital devices, electronic components, and other appropriate materials, create something that could serve a purpose in a Scouting activity.
2. Attend a digital making event and show your work, or help somebody else in your section or another section to work towards a Digital Maker Staged Activity badge.
 - a) You could take part in a Raspberry Jam, attend a Code Club, attend a hackathon, or visit a Coderdojo.



DIGITAL MAKER BADGE

Stage 4

How to earn your badge...

In stage 4 you will demonstrate that you can combine a variety of digital making skills to solve a problem or meet a challenge related to Scouting.

1. Using a combination of programming, digital art, digital devices, electronic components, and other appropriate materials, create something that could serve a purpose in a Scouting activity.
2. Attend a digital making event and show your work, or help somebody else in your section or another section to work towards a Digital Maker Staged Activity badge.
 - a) You could take part in a Raspberry Jam, attend a Code Club, attend a hackathon, or visit a Coderdojo.

DIGITAL MAKER BADGE

Stage 5

How to earn your badge...

In stage 5, you will combine your digital making skills to identify and solve a real problem in the local or global community. You will go through the process of project design from concept, to testing and implementation, and finally to sharing your new knowledge with others.

1. Identify a real-life local or global problem and design, build, test, and improve a solution by combining your digital making skills and selecting appropriate software tools, digital devices, components, and materials.
2. Create and share a resource that would allow someone else to replicate your project with minimal previous knowledge.

This resource should be digital, and it can be any format you like: a video (or a series!), an online (printable) document, an entry on a tutorials website such as Instructables, a blog post...Or meet with people who could benefit from your solution to share how you created it and explain how it can help them.



DIGITAL MAKER BADGE

Stage 5

How to earn your badge...

In stage 5, you will combine your digital making skills to identify and solve a real problem in the local or global community. You will go through the process of project design from concept, to testing and implementation, and finally to sharing your new knowledge with others.

1. Identify a real-life local or global problem and design, build, test, and improve a solution by combining your digital making skills and selecting appropriate software tools, digital devices, components, and materials.
2. Create and share a resource that would allow someone else to replicate your project with minimal previous knowledge.

This resource should be digital, and it can be any format you like: a video (or a series!), an online (printable) document, an entry on a tutorials website such as Instructables, a blog post...Or meet with people who could benefit from your solution to share how you created it and explain how it can help them.