

Icknield District STEM Weekend October 2024

Imagine there was a half day activity with all resources provided, where every young person taking part will gain Digital Maker Stage 1 activity badge ?

There was and if you were not there, you missed out ! . . .

Not only that, but each Beaver, Cub or Scout who attended covered the following . . .

- Beaver Communicator section 4, 5 (parts 1, 2 and 3 are easy to do in a weekly meeting)
 - Ice your name in morse code onto a biscuit
 - Coded messages
- Cub Communicator sections 1, 2, 5a, 5e and 5f (parts 3 and 4 are easy to do in a weekly meeting)
 - Compass coding
 - Receive a message
 - Coded messages
 - Radio station
 - Phonetic alphabet
- Scout Communicator sections 2a, 2b, 2c, 2d (this is the whole badge !)
 - Morse or Semaphore
 - Radio station
 - Phonetic alphabet
 - Q Codes
 - Build a snail morse key to take home

So with small additions from Beaver and Cub leaders, the young people would have a second badge – and those in the Scout section would meet all the requirements of their second badge

And the following activities were also on offer . . .

- Cub Scientist section 2b
 - Build a circuit with a switch
- Scout Electronics section 7, 1 of 3
 - Build a circuit with a switch

To register interest in a similar activity on 18 and 19 October 2025, please email stem.weekend@icknielddscouts.org.uk

This activity weekend needs volunteers to help – if you can be available for even half a day, please say so using the same email address

If there are activities which meet similar badge requirements that you would like to be part of the event, please ask

Take a look at the Beavers, Cubs and Scouts enjoying the activities in 2024 on the following pages to see what great fun they all had!



Semaphore

Scout Communicator Badge, 2a



Send and receive a message using morse code

Scout Communicator badge 2a



Build a circuit including a switch

Cub Scientist badge 2b

Scout Electronics badge, 7, 1 of 3 projects



Build a snail morse key to take home
Construction project including a buzzer and battery
Scout Communicator badge 2d



Sending a greetings message to another Jamboree on the Air radio station

Scout Communicator badge 2b

Cub Communicator badge section 5e & 5f



Phonetic alphabet
Q Codes

Scout Communicator badge 2c



Coding with Scratch

Use Scratch, a digital coding program to create your own digital art

Digital Maker badge – requirement 2

Compass coding

Use coding skills and compass directions to help a ScoutBot get to camp

Digital Maker badge – requirement 3



Jamboree on the Internet
Secure online chatroom
Talk to Scouts around the world

Cub Communicator badge 5f



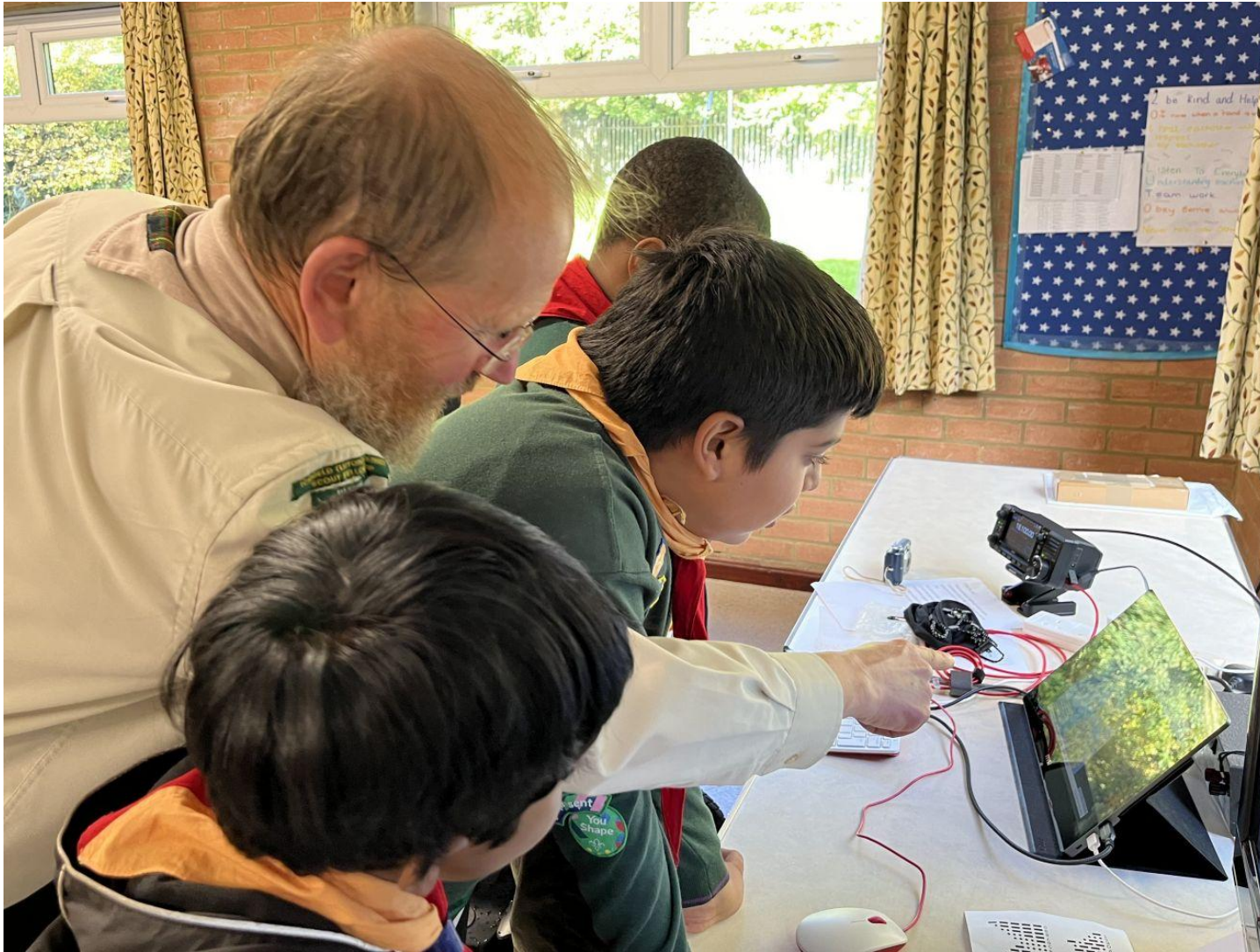
Build a crafty computer
Requirement 1 of the
Digital Maker Badge



Coded messages
Beaver Communicator badge sections 4 and 5
Cub Communicator badge section 5a



Spell your name in Morse Code using icing on a biscuit
Beaver Communicator badge 4



Scouts using data based radio to communicate



Write clear instructions for a computer or person to follow to complete a task
Tech free version of compass coding
Digital Maker badge section 3