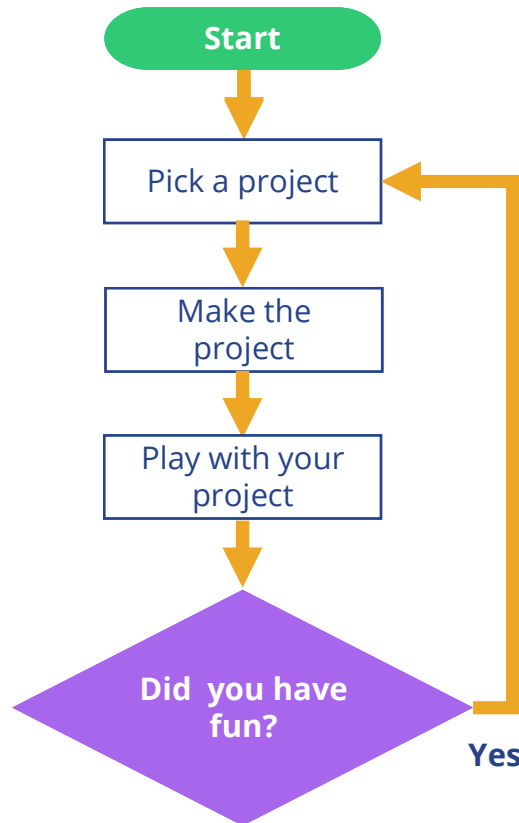




OurKidsCode

FAMILY CODING CLUBS

- 1 Setup
- 2 Warm up
- 3 Create
- 4 Share
- 5 Reflect
- 6 Plan



Search and Choose

Search for project ideas.
Make one today and choose some to make in future.

What you need

- Laptop
- Micro:bits
- Makey Makeys
- Pens & paper
- Craft materials
- Bananas



[ourkidscode.ie/
search-and-choose](https://ourkidscode.ie/search-and-choose)



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



Rialtas na hÉireann
Government of Ireland



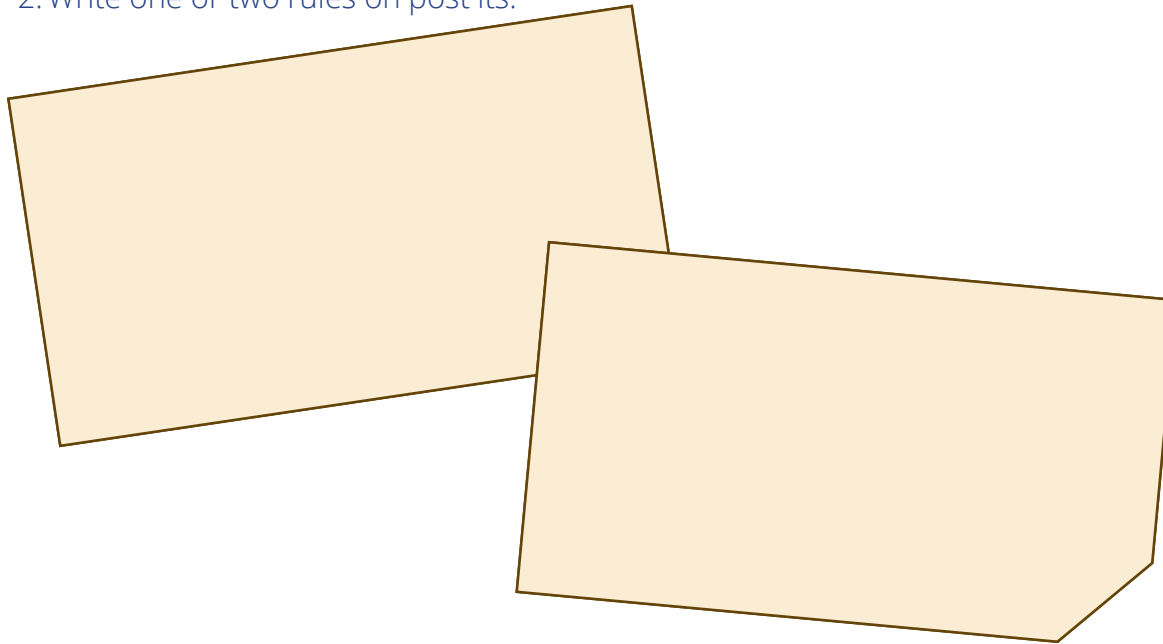
Dream Space™

1 Setup

- **Check in**
One person in the group checks in with OurKidsCode
 - **Connect to Wi-Fi**
 - **Set up the craft table**
-
- **Be positive**
 1. How can we create a positive atmosphere every time we do creative coding together?
 2. Write one or two rules on post its.



ourkidscode.ie/checkin



2 Warm up

Quiz time!

Get into two teams:

1.Kids from all families

2.Adults from all families

- Each team chooses a name and mascot for their coding club.
- The winning team's name and mascot are chosen for this club!
- Each team will answer three questions - **45 seconds each**.
- If you know the answer from **memory** - **2 points**.
- If you need to use the **internet** - **1 point**.

Good luck and remember to congratulate the winning team!

Parent Team

1. Go to [makeymakey.com/pages/how-to](https://www.makeymakey.com/pages/how-to) & scroll down to Beginner Course
2. Choose the '**Banana Piano**' tutorial
3. Work together to create your own banana piano!

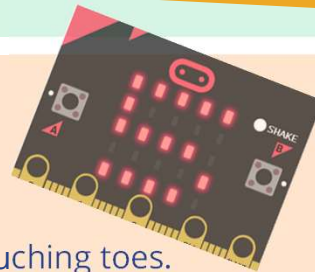
Now have a chat



MakeCode Team

1. Go to makecode.microbit.org and scroll down to Tutorials
2. **Coder:** Choose the 'Dice' tutorial and make Micro:bit dice
3. **Designer:** Think of 6 exercise activities, like star jumps & touching toes.
4. **Maker:** Make a list of the exercises on paper & number them from 1 - 6.
5. **Everyone:** Shake the Microbit dice and do that number exercise.

What other games with dice can you think of?



Scratch Team

1. Go to scratch.mit.edu/ideas & click on Tutorials.
2. **Coder:** Follow the 'Create a Story' tutorial
3. **Designer:** Work with the coder to make 2 or more sprites and give them words to say
4. **Maker:** make a nametag for each of the sprites
5. **Everyone** in the team wears a nametag and acts out what they think happens next

Can you make the sprites move?



3 Create

Parents and kids form separate teams to find the tutorials to make their projects.

Parent Team

What do you think the benefits of creative coding are to your family?

Look at the supports and resources OurKidsCode offers and chat about how and where you can continue to do family creative coding.

Would you like to keep meeting with other families to do fun creative coding projects?

Do you want to invite new families to join you?

Where could you meet?

How often?

When do you want to start?

What devices would be the most useful / fun?

Project Name: _____

Platform: Scratch MakeCode Other: _____

Device: MakeyMakey Micro:bit Other: _____

Craft project:

Warmup idea:

Project Name: _____

Platform: Scratch MakeCode Other: _____

Device: MakeyMakey Micro:bit Other: _____

Craft project:

Warmup idea:

Project Name: _____

Platform: Scratch MakeCode Other: _____

Device: MakeyMakey Micro:bit Other: _____

Craft project:

Warmup idea:

3 Create

Each team makes a list of 3 other projects they'd like to make in future.

Remember:

To be safe on the internet when looking for new projects, have an adult with you when searching and stick to trustworthy sites, like:

ourkidscode.ie makeymakey.com

scratch.mit.edu makecode.microbit.com

When choosing projects, think about:

1. Does it look like fun?
2. Is there a warm-up activity & a craft element, or can we think of them?
3. Do we have the materials and devices we need?
4. Do we have the skills, either coding or crafting, to tackle it?
5. Do we have enough time to finish it in one MeetUp, or do we need to spread the project over 2 or more MeetUps?

Rate your project

Project name: _____

Coding platform: _____

Was it fun?



Boring



Some fun



Neutral



Good fun



Tons of fun!

Was there enough to do?



Only one job



A bit to do



Neutral



Most people had jobs



Plenty of jobs to do!

Would you buy it?



Definitely not!



Probably not



Neutral



Maybe



Yes, for sure!

4 Play and share

Each team decides how many smiles they give the project they made.

The teams show off their projects to the other teams and say if they would recommend doing this project and why.

Can you think of an off-screen warm-up for your project?

Remember:

Every OurKidsCode project has an off-screen warm-up activity and a craft element.

Have a chat as a club and decide what your next 3 projects will be:

- 1.
- 2.
- 3.

5 Reflect

Please **fill in the reaction form** once for each person:



ourkidscode.ie/reaction

Discuss with everyone what you did, what you felt and what you could do next time.

Did you have fun?

Learn anything? Feel more confident?

Can you think of a way to change the project you did today to make it even more fun?

Which project would you like to try next?



contact@ourkidscode.ie

6 Plan

At the end of every MeetUp, families plan the next one by choosing a project to work on and deciding who will do which tasks to organise it.

You will find these useful documents and much more on our website:

- Running a MeetUp
- MeetUp Checklist
- Being a Positive Club
- Forming a Family Team
- Choosing Projects
- Choosing a Warm-Up



ourkidscode.ie/run-a-club/



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