

# PIONEERS

## What is a Pioneers event?

Pioneers events are hackathon-style meetups, running for six to eight hours each day, over two days. Kids will come together at your venue to form teams and take part in an intensive two-day digital making session to create their Pioneers projects.

## What you need to run a Pioneers event



### A space:

The size of your space will dictate how many Pioneers you can host. Try not to cram too many people into your space, and make sure you have a toilet, and a place to take breaks.

### People:

Teams will need mentors to help them realise their ideas. A combination of tech specialists and volunteers comfortable working with young people is best, but anyone over the age of 18 can be a Pioneers mentor.

### Tools and resources:

Internet-connected desktops or laptops (not tablets), plus whatever extra stuff you can get your hands on. We're happy to advise!

### Health and safety:

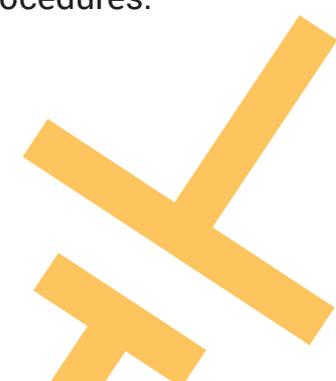
Using tools and electronics is inherently risky. Health and safety is the responsibility of the host venue, so check your venue's policies and procedures.

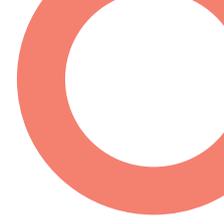


Raspberry Pi

# MakeYourIdeas

For more inspiration and help, head to [rpf.org/pioneers](http://rpf.org/pioneers)





### **Safeguarding:**

Your venue may have a safeguarding policy. Ask to see it, and follow any guidelines it provides. Make sure you check with your participants that it's okay to take or post photos of them.

## **Before the event**

### **Get your support team together:**

A Pioneers event is only as good as the people who help make it happen. Make sure you've got enough people to mentor your teams and help them out, as well as volunteers who can operate any specialist machinery and tools.

### **Make sure your tools are in tip-top shape:**

In the lead-up to the event, service and calibrate your tools and machines, and restock supplies, so that everything is ready to roll when the kids need it.

### **Make sure you ask permission to share images of the kids on social media:**

Pioneers is a social-media-based programme, and we want you to share photos and videos online with the hashtag #MakeYourIdeas. You can ask for permission from participants and parents when they register for the event, or with a permission form at the beginning of the event. Make sure you have a plan in place if a participant does not wish to appear in your social media coverage.



### **Manage the workspace, administration, and scheduling:**

We've provided a suggested schedule for the event. We recommend running each day from 1000-1600, but different times may better suit your circumstances.

### **Be a contact point:**

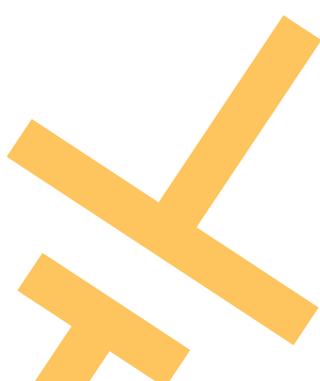
Remember, it's your job to submit the entries of all the teams from your venue – and to act as the point of contact for them in case they win! Make sure you collect the contact details of all the kids or their parents (you can do this at registration) so you can keep them informed about what's happening with their

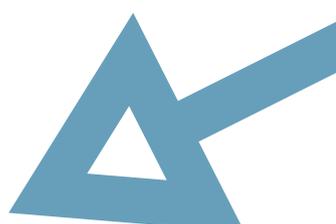


Raspberry Pi

## **# MakeYourIdeas**

For more inspiration and help, head to [rpf.org/pioneers](http://rpf.org/pioneers)





entry. We will be sending out swag bags for you to give out at registration, and again at the end of the term to every team that submits a video!

# Suggested schedule for a Pioneers event

## Day 1

1. Introduction to the space and day 1 briefing. Introduce the Pioneers programme and prizes.
2. Form teams and get to know teammates.
3. 'Define and design' phase. Show the season launch video, which sets the current challenge.
4. Suggested lunch break.
5. Make sure all the teams are registered on the Raspberry Pi Pioneers website, and have Google accounts so they can access their files on a shared drive.
6. Continue work on designs, undertake primary and small tasks.
7. Review goals and achievements for day 1.
8. Set tasks to be completed before day 2: allocation of resources and materials, small construction tasks, diagrams and schematics, booking and scheduling the use of tools.

## Day 2

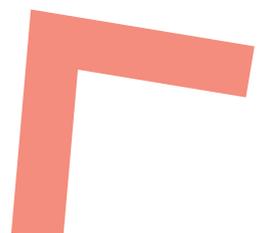
1. Day 2 briefing.
2. Review goals from day 1, allocate tasks for day 2.
3. Begin building and using tools.
4. Suggested lunch break.
5. Finish project.
6. Shoot a video (it can be as simple as this one).
7. Pack away.
8. Final briefing: explain how teams should submit their entries.
9. Go home. Submit videos when complete.



Raspberry Pi

# MakeYourIdeas

For more inspiration and help, head to [rpf.org/pioneers](http://rpf.org/pioneers)





# After the event

## **Follow up with the participants:**

Stay in contact with the teams after the event to keep them informed about what's happening with their entries. It's a nice touch to send a group email to everyone, letting them know that they did a great job on their projects, telling them you hope they had an awesome experience in your venue, and asking them to stay in touch about upcoming events.

## **Submit their makes:**

Complete the online submission forms with details of each team's final build. Submissions are made by video, but these can be super-simple three-minute videos with a mentor asking the team members questions about their projects.

## **Send us feedback:**

We'll want to hear from you too! Let us know how your event went, and whether there was anything we could have done better. Share any lessons you learnt during the process, which you think might help other hosts in the future.

## **Share with us!**

We'd love to see the pics and videos you take during your event on social media, so we can share your experiences with the world! Don't hold back, and remember to use the hashtag #MakeYourIdeas.



**[rpf.io/pioneers](https://rpf.io/pioneers)**  
**[pioneers@raspberrypi.org](mailto:pioneers@raspberrypi.org)**

**# MakeYourIdeas**

For more inspiration and help, head to [rpf.org/pioneers](https://rpf.org/pioneers)

