

Extract from Guidance for Students:

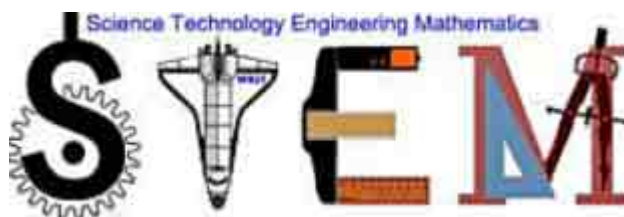
SOSCN ethical guidelines:

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As we expect constant evaluation as you deliver activities to children in your service please gain parental approval as soon as possible for their children's involvement: You can use the copy of our ethics below or adapt for your service.

1. Participation must be entirely voluntary and the purpose and use of the survey clearly explained.
2. Parents should be asked for permission for their children to take part
3. All must be assured of anonymity and that no individual will ever be identified unless willing to be quoted/photographed to illustrate a success.
4. The data you collect can be collated by you to inform your own practice but all of it is also copyright to SOSCN for the national collation of information on the overall case studies for the STEM project
5. The information will be used to help SOSCN demonstrate children gain new skills in STEM in out of school care
6. Thank everyone for taking part in this important work
7. Where children need help in drawing or answering questions please ensure this is done in a way to keep their confidence and without influencing their responses
8. We suggest if possible that staff who have done or are doing qualifications which include research skills and ethics are the ones to lead the survey work in the service so the work is robust and fairly conducted.
9. If at any point a child or parent or carer no longer wants to participate that is fine.

This is why for the following 4 pages of children's materials we ask that you always keep the first page attached or available so children know what this survey is about and their rights to take part. It also helps you explain what STEM is to the children.



Children's Evaluation of STEM Activities:

Our Survey

We are the Scottish Out of School Care Network, the national organisation helping out of school clubs across Scotland.

Staff in your club will be providing you with some specific activities which help children learn new skills in Science, Technology, Engineering and Maths (STEM) in a fun and interesting way.

The activities are part of a national project to find out what children want or like to do in STEM games in out of school care, so your views on the activities will really help us.

Our Code for you:

- Your help with this survey every time is really appreciated
- It is totally your choice to complete this
- There are no right or wrong answers
- We respect your rights to privacy so no-one will identify you
- If you have a worry about anything in this survey or about the STEM activities please tell your out of school care worker.
- An adult can help you fill this in but will keep your views private

CHILD PRE ACTIVITY SURVEY

Tutor put Activity, date and code here

Activity
Date
Code
Survey starts for children here:
Please tell us your age and if you are a boy or a girl
Age: Gender:

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You fill this one in *before* the activity

	Tick or colour the smiley face closest to how you agree with each statement	Yes	Maybe	No
1	I know what STEM means	☺	☹	☹
2	I have confidence in my abilities in undertaking STEM activities	☺	☹	☹
3	I am keen to learn about new things	☺	☹	☹
4	I know how to do this activity	☺	☹	☹
5	I am confident at showing others how to do STEM activities I have learned	☺	☹	☹



CHILD POST ACTIVITY SURVEY

Tutor put activity name date and code here

Activity: Date: Code:

Children: Please tell us your age and if you are a boy or a girl -

Age: Gender:

Now please fill this one in *after* the activity

	Statement	Yes	Maybe	No
1	I know what STEM means	☺	☹	☹
2	I have more confidence in my abilities to do STEM activities	☺	☹	☹
3	I am keen to learn about new things	☺	☹	☹
4	I know how to do this activity	☺	☹	☹
5	I am confident in showing others how to do STEM activities I have learned here	☺	☹	☹
6	I want to do more STEM activities	☺	☹	☹
7	I have gained new skills by doing these STEM activities	☺	☹	☹



CHILDREN'S STEM Learning Log:

Service	
Student	
Child code	
Age	
Gender	

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To be completed by children for each activity and kept in a folder or file they access

No right or wrong answers write or draw what you think

Name of Activity
What I liked best was
I learned how to....

Please send copies of this to SOSCN as it helps show children may learn something new in STEM
THANK YOU CHILDREN.

WHERE AND WHEN WILL IT BE HELD?

Commencing Tuesday the 24 October this 12 week course will take place every Tuesday evening from 6.30-9pm at the Colleges Paisley campus.

IS THERE A COST?

The course is **FREE** however a deposit of £50 is payable towards the STEM kitbag.

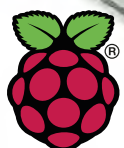
ELIGIBILITY

This course is for practitioner staff in out of school care services.

For more information or to request an application pack please contact:

recruitment@soscn.org

Funded by the Scottish Government Children, Young People and Families Early intervention Project Fund.



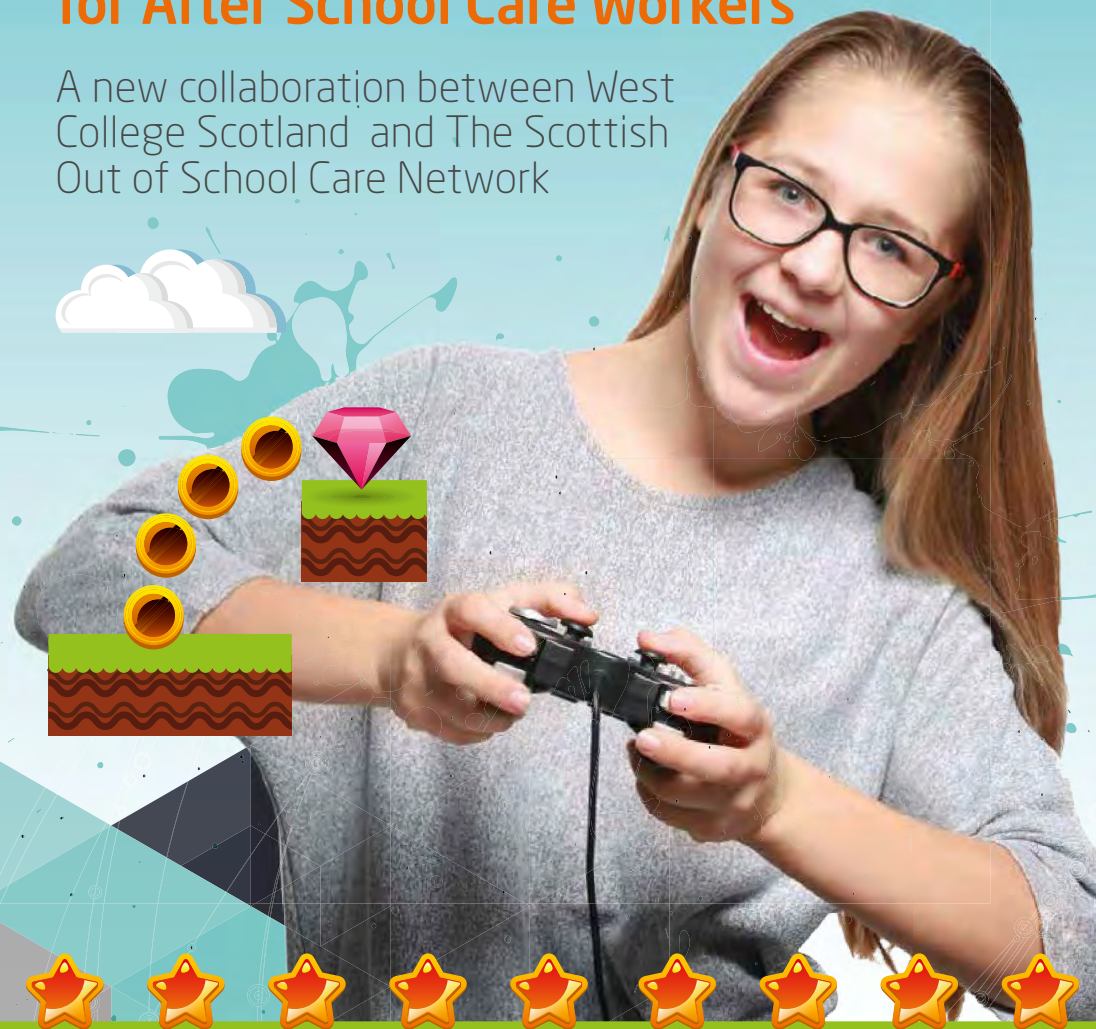
Raspberry Pi

SOSCN is a Scottish registered charity (SC020520)



Introduction to Creative Computing for After School Care Workers

A new collaboration between West College Scotland and The Scottish Out of School Care Network

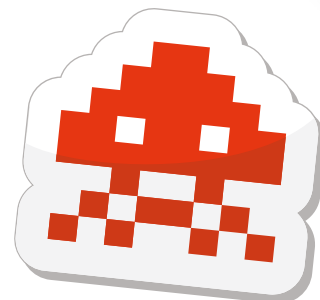


West College Scotland has teamed up with The Scottish Out of School Care Network (SOSCN) to provide STEM training for practitioner staff in out of school care services.

COURSE CONTENT

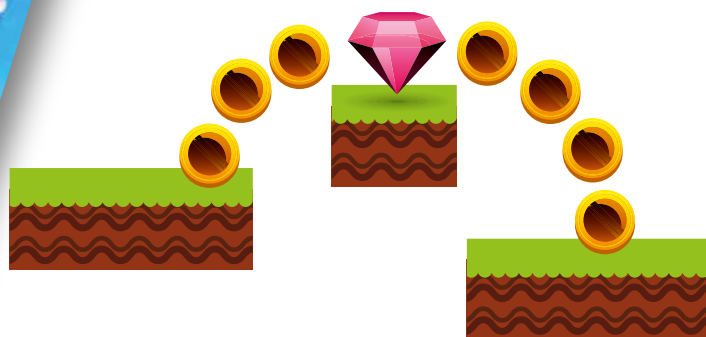
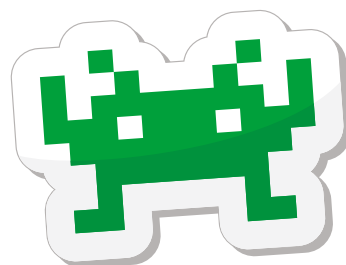
This course aims to equip you with the skills needed to introduce creative computing into your after school care setting using a variety of tools, including: Scratch, Microbit and the Raspberry Pi.

Throughout the course you will learn how to create games in Scratch and make controllers using the Makey Makey and everyday objects such as play-doh or fruit. You will also make digital badges, games and music using the Microbit and get creative with Minecraft on the Raspberry Pi.



PROGRAMME

WEEK	Course Content
1	Introduction to the course Introduction to the Micro:bit
2	Making games with Micro:bit
3	Micro:bit activities with sound
4	Introduction to Scratch and making games
5	Making Games with Scratch
6	Introduction to Makey Makey and how it works with Scratch
7	Introduction to the Raspberry Pi including setup and overview of features on Pi – including Minecraft/Python
8	Minecraft/Python on raspberry pi
9	Overview of sessions to date and creating your own session
10	Peer mini sessions – working together to deliver a session and receive peer feedback
11	Peer mini sessions – working together to deliver a session and receive peer feedback
12	Peer mini sessions – working together to deliver a session and receive peer feedback





Introduction to STEM activities for Out of School Care Workers

W: glasgowclyde.ac.uk



This course is a new collaboration between the Scottish Out of School Care Network and Glasgow Clyde College, providing staff in out of school care with play for purpose STEM training.

About this course

The course aims to increase your skills, knowledge and confidence to deliver STEM activities to your service users by focusing on fun indoor and outdoor activities relating to:

- Forensics
- Colour
- The Human Body
- Engineering

Location: Glasgow Clyde College, Langside campus

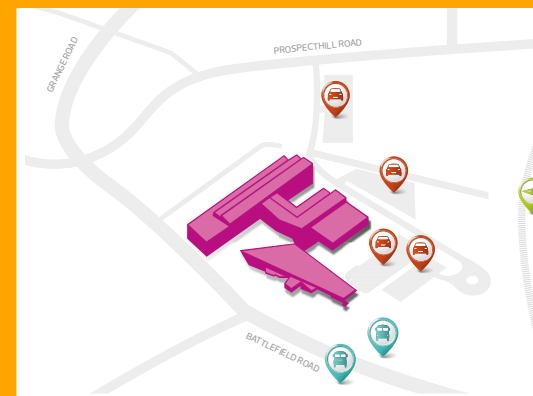
Start date: Friday 1 December 2017

Duration: 10 weeks from 9.45am- 12.45pm
(Please note the final 4 sessions will take place on a Monday)

Eligibility: This course is aimed at practitioner staff in out of school care services.

Cost: You will be supplied with all the materials you will need in a course Kit Bag. The course is free.

Week Number	Date	Course Content*	Location (All venues are based in Glasgow Clyde College Langside campus)
1	1/12/17	Introduction to the course	The Space
2	8/12/17	Fun with forensics	The Space
3	15/12/17	The human body	The Space
4	12/1/18	Colour through chemistry	The Boardroom
5	19/1/18	Materials – learning about textiles	Classroom TBC
6	26/1/18	Mathematics	The Space
7	Monday 29/1/18	Outdoor Play	The Space
8	Monday 5/2/18	Outdoor Play - continued	The Space
9	Monday 19/2/18	Engineering – Technology	The Space
10	Monday 26/2/18	Reflection and celebration	The Space



Langside Campus

50 Prospecthill Road, Glasgow G42 9LB



This free course is funded by SOSCN via their STEM Champions project grant, through the Scottish Government Children, Young People and Families Early Intervention Project Fund.

For further information or to request an application please email: recruitment@soscn.org

www.soscn.org

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