

# Gaming and OneSwitch.org.uk



**Intro:** This small booklet aims to help people get around [OneSwitch.org.uk](http://OneSwitch.org.uk) to find accessible gaming ideas and resources. If you need more help, or have ideas to share, please get in touch.

Please note OneSwitch.org.uk has been on-line since 2002, so there may be some broken links and software that no longer works with Windows 11.

**Barrie Ellis (Director)**

e-mail: [barrie.ellis@oneswitch.org.uk](mailto:barrie.ellis@oneswitch.org.uk) – text: 07748 018685



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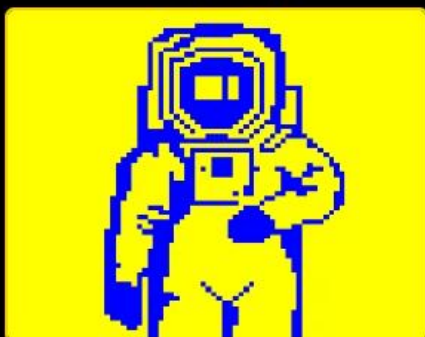
Library and Musuem



Gaming



Lucky Leap



Links



1. **BLOG**: News on game-accessibility and beyond. Click on any of the images above to jump to its section or simply scroll on.

2. **SHOP**

3. **LIBRARY and MUSEUM**

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6. **LINKS**



# 1. News Blog

The OneSwitch.org.uk blog has been running since 2006 packed full of assistive technology resources and news. Click “**Featured Posts**” or use the sidebar “Labels” pop-up menu to get around. The five most recent posts below are of:

- A switch adapted page-turner modified upon the request of a customer.
- The “Joy 16” special joystick (more later).
- A light indicator box, to help a sip-puff user understand pressure thresholds.
- The Spoke capacitive touch USB device, allowing all manner of conductive materials to be used as game input, including bananas.
- A switch adapted Xshot gatling foam dart gun.

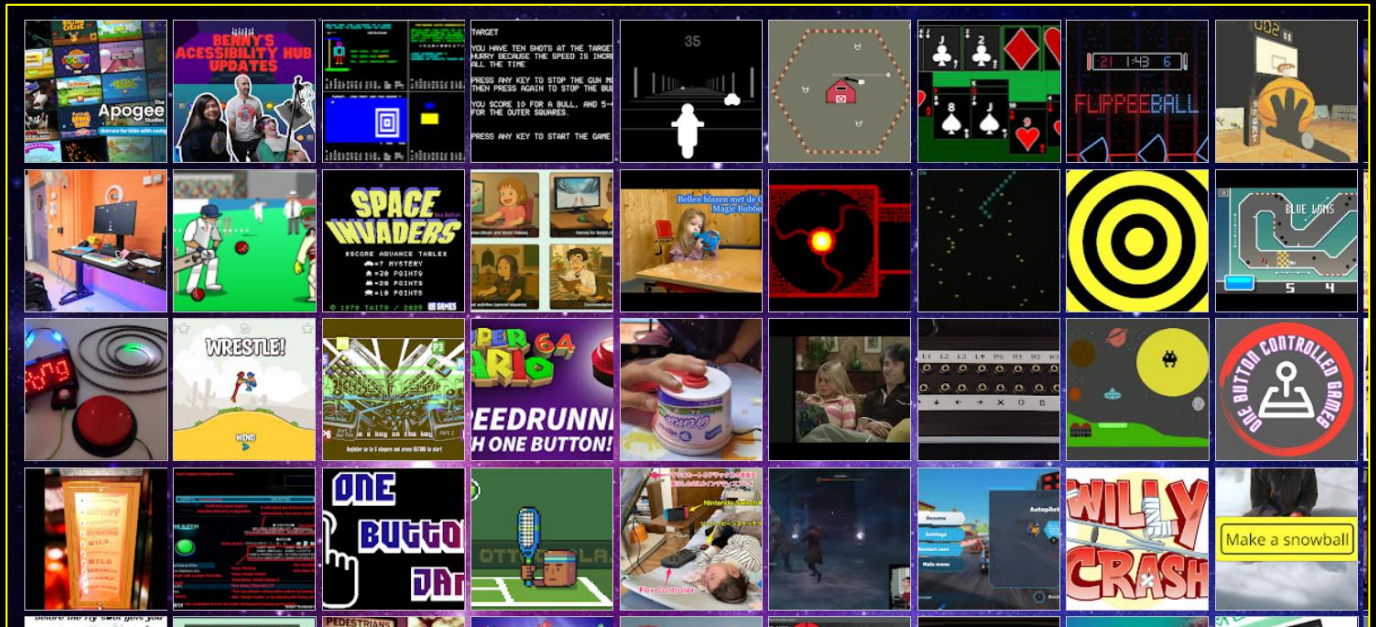
OneSwitch.org.uk blog

Flipcard ▾ | Home Featured Posts OneSwitch.org.uk YouTube Mailing List

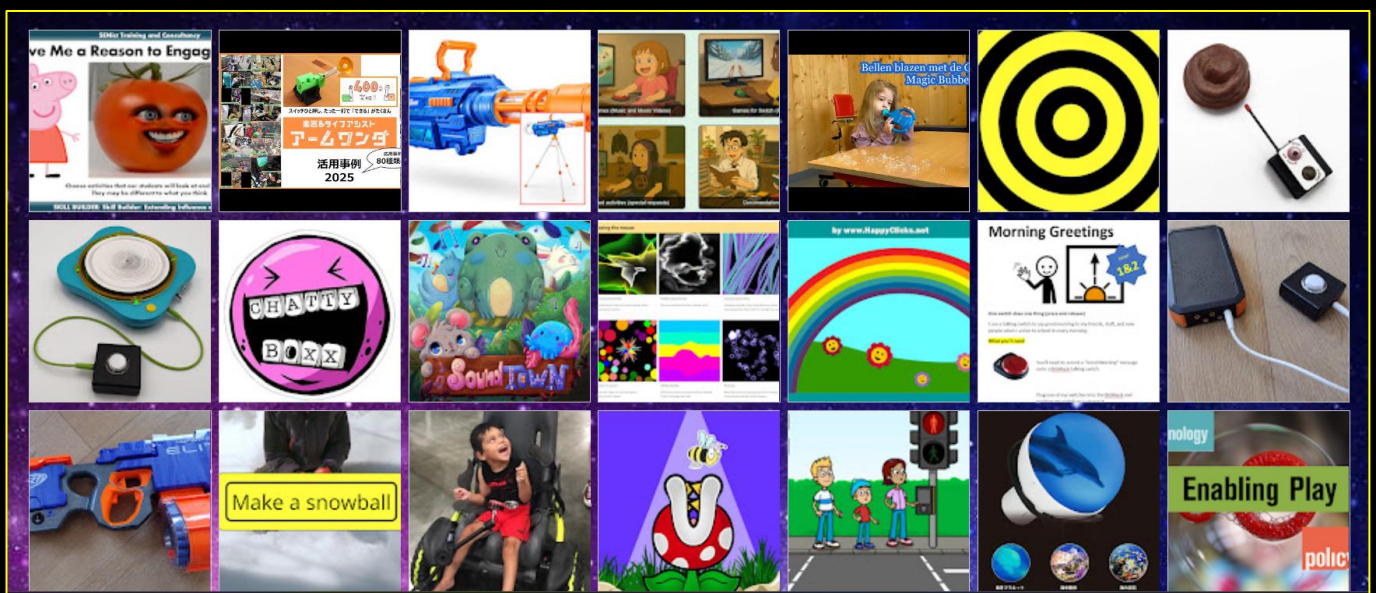
Recent	Date	Label	Author

The search feature of the News Blog does not return all results. The Featured Posts links will probably be the best bet, or just getting lost in doom scrolling. Hopefully not too much doom here! Some labels include:

## OneSwitch Games



## Cause and Effect



Eye Gaze, Switch Toys, as well as one handed controllers, mind-control, art, music, stories, cooking, interesting wheelchairs and more.



## 2. Shop

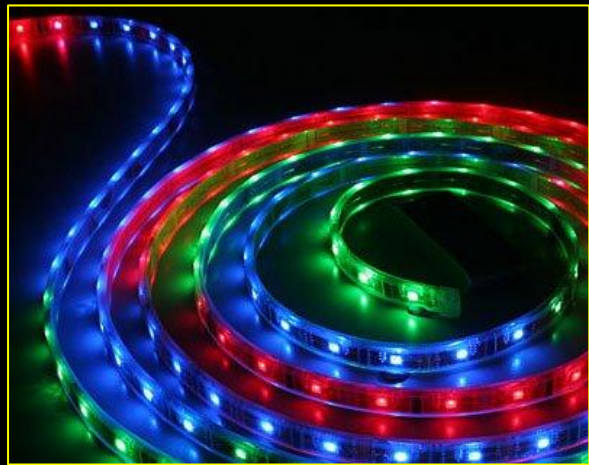
Shopping at OneSwitch.org.uk is by browsing then sending an e-mail. This helps me ensure that people are getting what they want if unsure, and control the number of orders I'm prepared to deal with.

There is an adaptation service, where I can modify some devices for switch access. From £20 per item depending on the complexity.

Some switch accessible items that have been in the shop or custom requested include:

1. Switch dice roller.
2. Water pistols.
3. Inflatable robots.
4. Remote control cars.
5. Remote control poo. Don't ask.
6. Crawling green hand.
7. Switch sound box.
8. Scalextric.
9. Decision maker.
10. Bubble machines.
11. Audio adventure machines.
12. 1D Pong on a long light-strip with accessibility features.
13. Fortune telling Zoltar.
14. Spin Art.
15. Bingo caller.
16. Drinks dispenser.
17. Talking tin.
18. Digital camera.
19. Remote control plane.
20. Page turner.
21. Dog ball thrower.

- 22. Switch roaring dinosaur.
- 23. Dancing Christmas Tree.
- 24. Upright pinball machine.
- 25. Lego train-set.



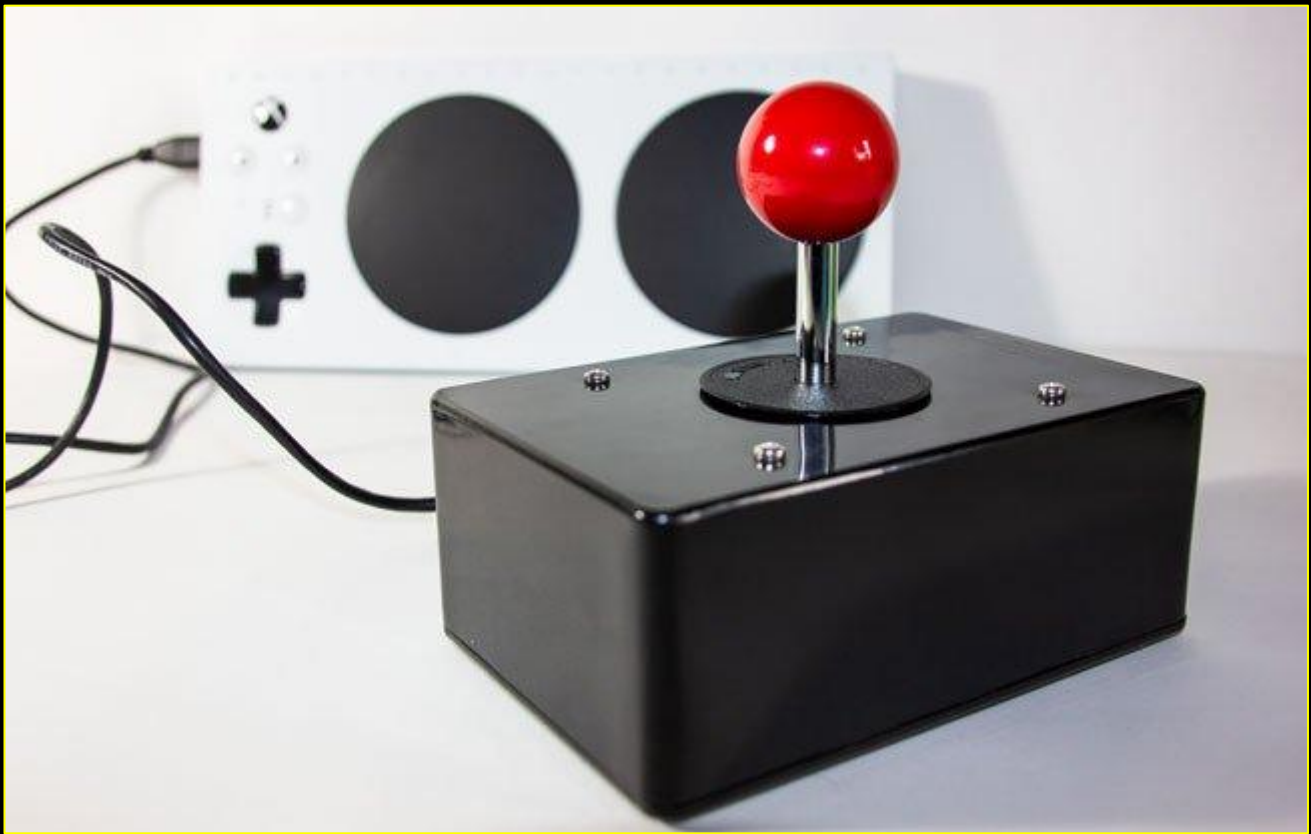
As regards accessible video gaming, I have been building custom game controllers since 1995. Some items in the shop in 2026 include:

1. Accessibility switches including the shout-box (adjustable from a shout down to a puff of air being needed to activate). Also light-pressure finger-switches, heavy-duty foot pedals and links to many others outside of OneSwitch.
2. Latch-box. Make a standard momentary switch stay on/off by tapping it.

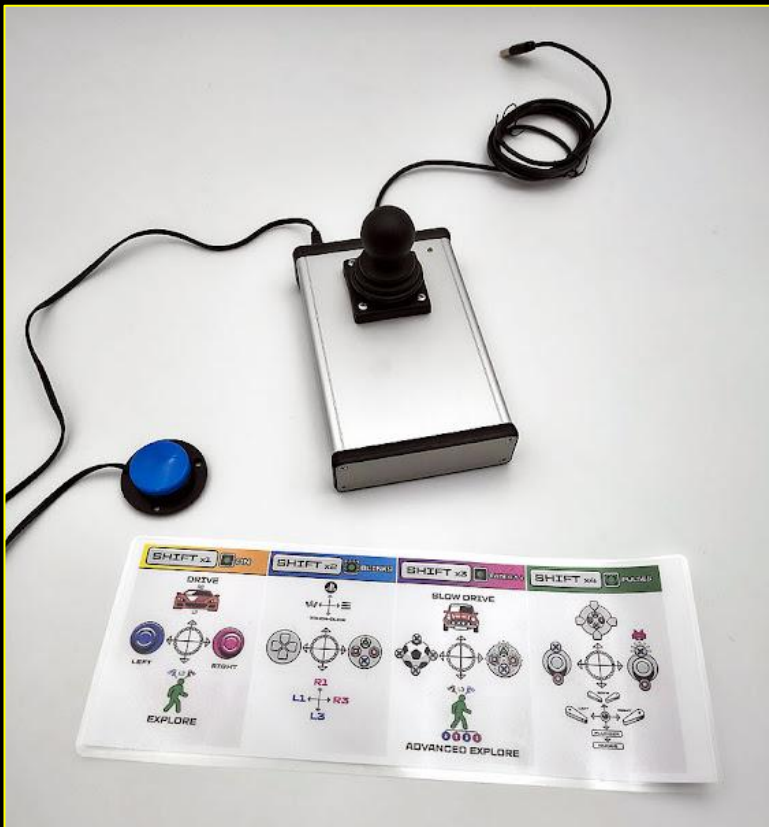


3. Many joysticks, that can normally be made to work on most gaming platforms. See the XAC and Flex accessories section especially.

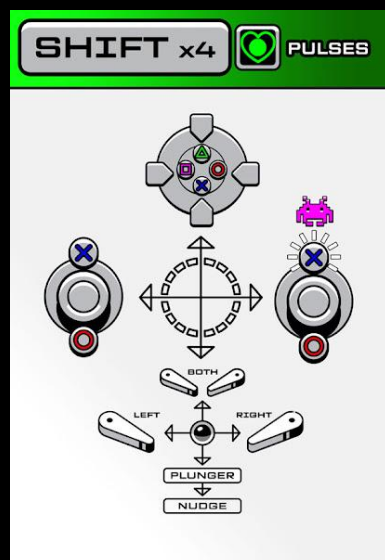
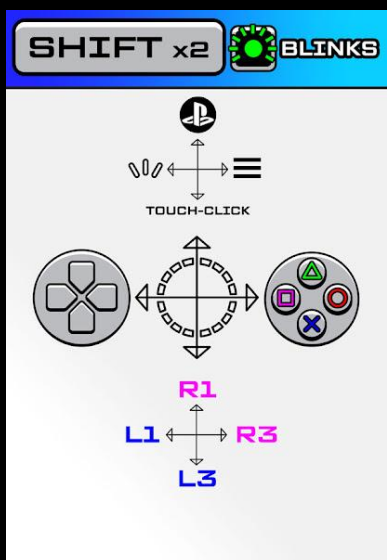




OneSwitch.org.uk Ultrastik pictured above in plastic and aluminium case.



The Joy 16 joystick upgrade system. Tap a switch 1-4 times then push North, East, South or West to pick a mode. E.g. Tap once, then push up for driving mode. Tap twice, then push left for D-pad mode.





Various toppers are available depending on the joystick type, such as this Cow-bar topper.



Celtic Magic Feather joystick, which floats on a bed of magnets. Likely the lowest force physical joystick in the world.

4. Complex adapters that can bridge a computer to a games console, so you can use voice-control, eye-gaze and more, to much simpler options.

5. CATCH 22 interfaces for the Playstation 5, Nintendo Switch and PC/Xbox. These have 18 switch sockets, and 4 USB ports. Work with most of the OneSwitch range of joysticks and switches.



6. Light-force modified gamepads. Springs replaced or removed, and button boots weakened where possible. Ideal for players with weaker motion, but wishing to keep using a standard controller.



7. One-hand gaming page.
8. OneSwitch Pulse System.
9. Links to mounting solutions, utilities, head, eyes and mouth control, lots of things to make the Sony Access Controller more powerful and more besides.



# 3. Library and Museum

The Library and Museum area leads to many ideas for switch gaming, art, music creation, instruction manuals Do It Yourself guides. The museum is a repository of accessible gaming history. You might find the [BBC Micro Assistive Technology gallery](#) an interesting place to start your visit.

Switch Gaming



Museum



Switch Ideas



Instructions



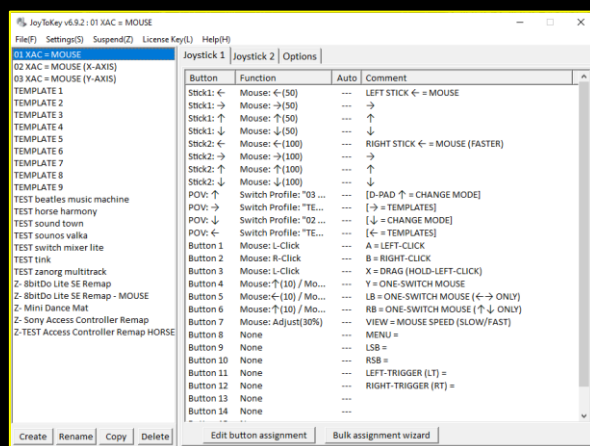
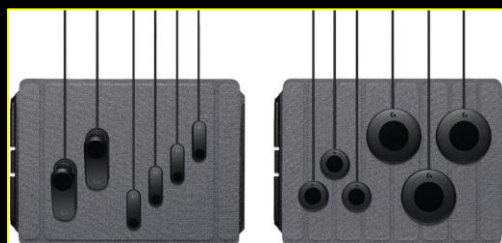
OneSwitch D.I.Y.



JoyToKey



If using a Windows PC and any sort of gamepad type interface (such as the Xbox Adaptive Controller) you may find the JoyToKey utility extremely useful to get acquainted with. This can help you convert game controllers to act as a keyboard or mouse on a Windows PC. It can latch controls on/off and much more. Use a Chat Bot to help you if you get stuck.



There are many other utilities that can help, such as [VoiceAttack](#) and the [OK, Game On!](#) eye-gaze system. Feel free to get in touch for more advice.

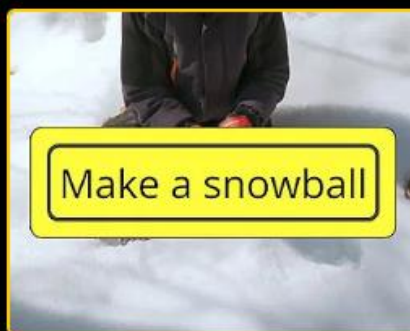


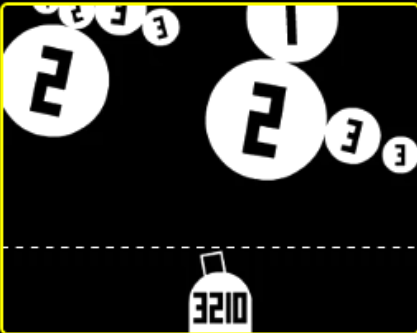
## 4. Gaming

Within the Switch Gaming area, you'll find:

- Free PC Games. Over 100 all categorised. Most work with a switch set to act as the SPACE BAR or LEFT-CLICK. Some are a bit more unusual. Some games include:

Cause and effect games, like waving to monsters as you pass them by on a train, to try to make them smile. Francis Alÿs Children's Games films converted to SPACE BAR or LEFT-CLICK to continue activities (snowball fights, snail races, hill rolling in a tyre). Some games require faster reactions and deeper understanding to play. Some such as Dragon's Lair have options to make the game far, far easier.



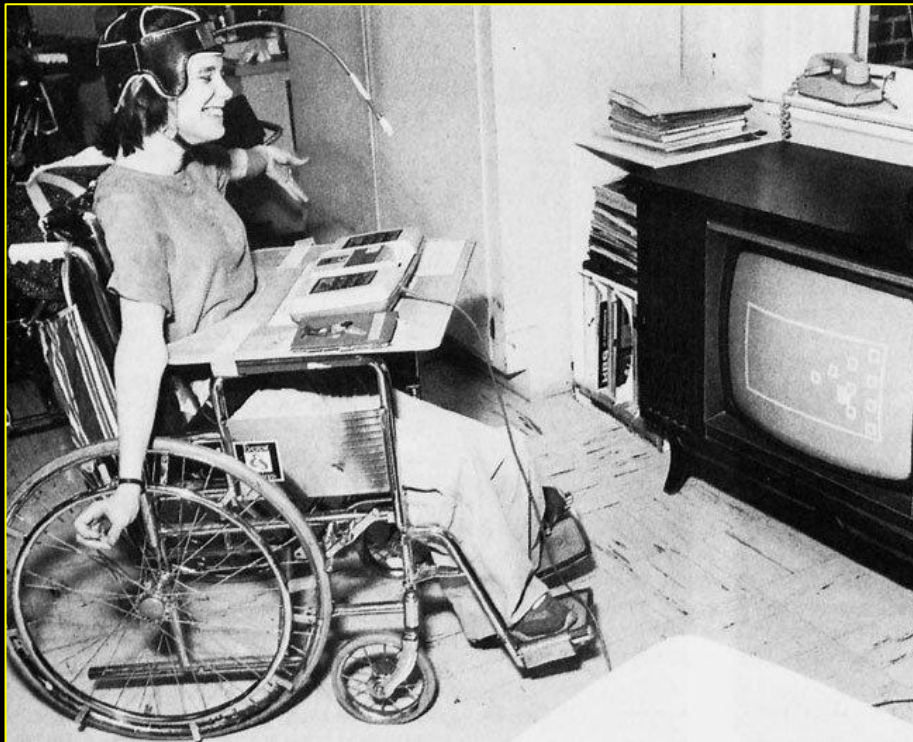


Use the utility JoyToKey from the library to convert your game controller to act as other keys, if needed.

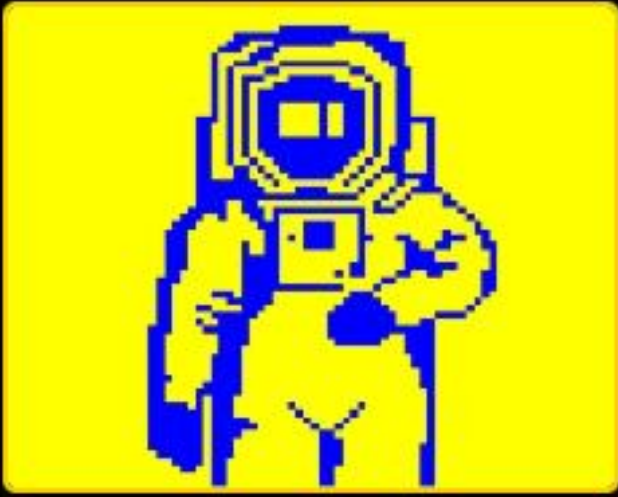
- A link to the One Switch Pulse system. This allows advanced switch users a way to independently use a games console and play more games than you might expect. Tekken being played below. Complex to set-up.



- A little (a bit outdated) on iOS Switch Recipes for Apple devices. Gives switch users a way to press anywhere on a touch-pad, and emulate different gestures like swiping.
- The One Switch 100 project. Only part one is near complete, but it tells the early history of gaming with one-button. The story of Possum (room 2) and MAVIS (room 16) may be of special interest. Room 1 has links to one-button games that are nearly 100 years old or older.



- Scroll down the Switch Gaming front page for links to much more, including online switch games from The Apogee Project, c1ic (from Mexico), Help Kidz Learn, SENICT, the Family Gaming Database section on One Button games and many more.



## 5. Lucky Leap

Click the astronaut to take a lucky leap to a random OneSwitch.org.uk page. Maybe to the OneSwitch 100 project, documenting the origins of one-switch games back to Possum in the 1960s, knock-down-ginger and before. It might get finished one day!



## 6. Links

A mix of disability related links that include:

- Assistive Technology funding help.
- Resources like the Changing Places scheme.
- Accessible places to go in the UK.
- Curiosities like worldwide webcams and the Radio Garden.

Have fun exploring. Click on the UP arrow below to jump back to the contents page.

