Home Learning – Website Ideas

Subject: Computing
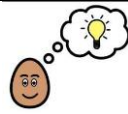
Top 10 Website Links

Link	Brief Description
http://www.specialbites.com/switch-activated-games/selection-of-cause-and-effect-switch-games.php	Free online cause and effect switch games.
https://www.abcya.com/games/keyboarding_practice	Practise keyboard skills
http://www.123bee.com/play/keyboard_climber/21381.html	Practise keyboard skills
http://www.primaryresources.co.uk/music/piano.html	Online musical keyboard.

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Suggested Activities

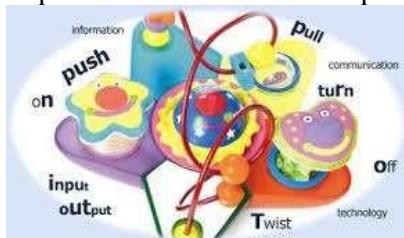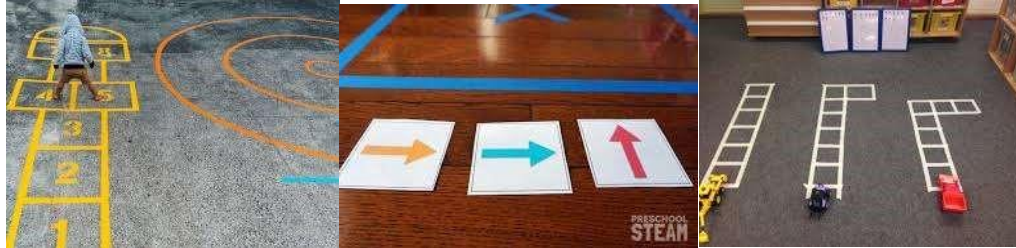| Activity |
| --- |
| Puzzles and jigsaws-finding the pieces that fit together. These can be inset puzzles or harder jigsaws. This is part of problem solving one of the basics for coding in computing.

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| Nursery rhymes such as Incy wincy spider and Little Miss Muffet as well as stories that allow for sequencing activities. This is another computer thinking skill. These can be online or practical/picture based. |
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Sorting activities with practical objects, numbers or colours. |
| Making patterns with shapes, colours, objects in the house or outdoor environment |
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Building blocks-logical thinking and cause and effect. |
| Exploration with torches to explore and other cause and effect toys.
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| Play follow the leader games with the children. |
| Playing games that you child enjoys eg Pirate pop up, connect four, noughts and crosses all encourage children to think logically. |

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Following arrows to reach somewhere or something that is hidden-beginning to understand about direction. These can be chalked on ground or drawn on pieces of paper.
Getting dressed, brushing teeth, making a jam sandwich, - talk about what we are doing at each stage as this is an algorithm. This means it is a set of instructions that happens in a certain order. This can include baking activities -talk about what we do first, next, after that.
Ask your child to build the tallest tower using any construction material. This could be blocks, lego, duplo, playing cards, selection of different sized boxes- This will help children to evaluate their tower to make it better if it falls down!
Ask your child to select a dance song and learn some moves to this. You can use Just Dance kids on you tube or Go Noodle songs on You tube. Builds skills in decomposing and sequencing.
Use a camera or possibly a camera on a parent's phone (under supervision and if this is appropriate for your child) to take some photographs inside and outside in the garden if you have one. Also use the voice recorder on the mobile phone if possible. Can they sing a favourite song or say hello to everyone?   Can they recognise other people's voices on this?
Can your chid use the TV controller, operate a DVD or CD player? Can they select what they want to watch or find the icons on the computer or iPad for the things they want on?
http://www.123bee.com/play/keyboard_climber/21381.html Learning to type on the keyboard and finding letters. http://www.slimekids.com/games/typing-games/typingfiles/tidepool.swf Learning to type full words game. For both these games you need to allow Adobe to run.
https://www.scratchjr.org/ is free as an app on a tablet or i-pad. This is quite a hard program for teaching code and will only be suitable for some children who have a good understanding of how to use bee-bots and understand directions.   If you go to the teach
https://botlogic.us/#sthash.RPFMJRGa.T4kwsnTL.dpbs This is free if you click on player. It teaches children how to code and as it is quite difficult will only be suitable for children who are familiar with directions and numbers. It is advisable to start at age 0-3 as it is a new experience.
https://swiggle.org.uk/ to search for things eg favourite songs, interests. This is a child friendly search engine.