

## **Theme Lessons (Science) - Electrical Safety**


*These activities can be completed over 2 days.*

### **Activities:**

1. Explore the 'Electrical Safety in Your Home' interactive activity on the Switched on Kids website - <http://www.switchedonkids.org.uk/>
2. Discuss with your child why electricity can be dangerous and what we can do to be safe around it.
3. Look at the Switched on Kids colouring sheet (provided below) and help your child find the electrical hazards in the picture.
4. After they have found all of the hazards, your child can colour in the sheet.
5. Discuss electrical appliances that are used in the rooms of our homes and what we have to do to be careful around them.
6. Look at the safety poster (provided) and help children to read the electrical safety tips.
7. Children make their own electrical safety poster using the information they have learned.
8. Go to Switched on Kids website at <http://www.switchedonkids.org.uk/fun-and-learning/> and explore the activities in the 'fun and learning' section.

Name \_\_\_\_\_

Date \_\_\_\_\_



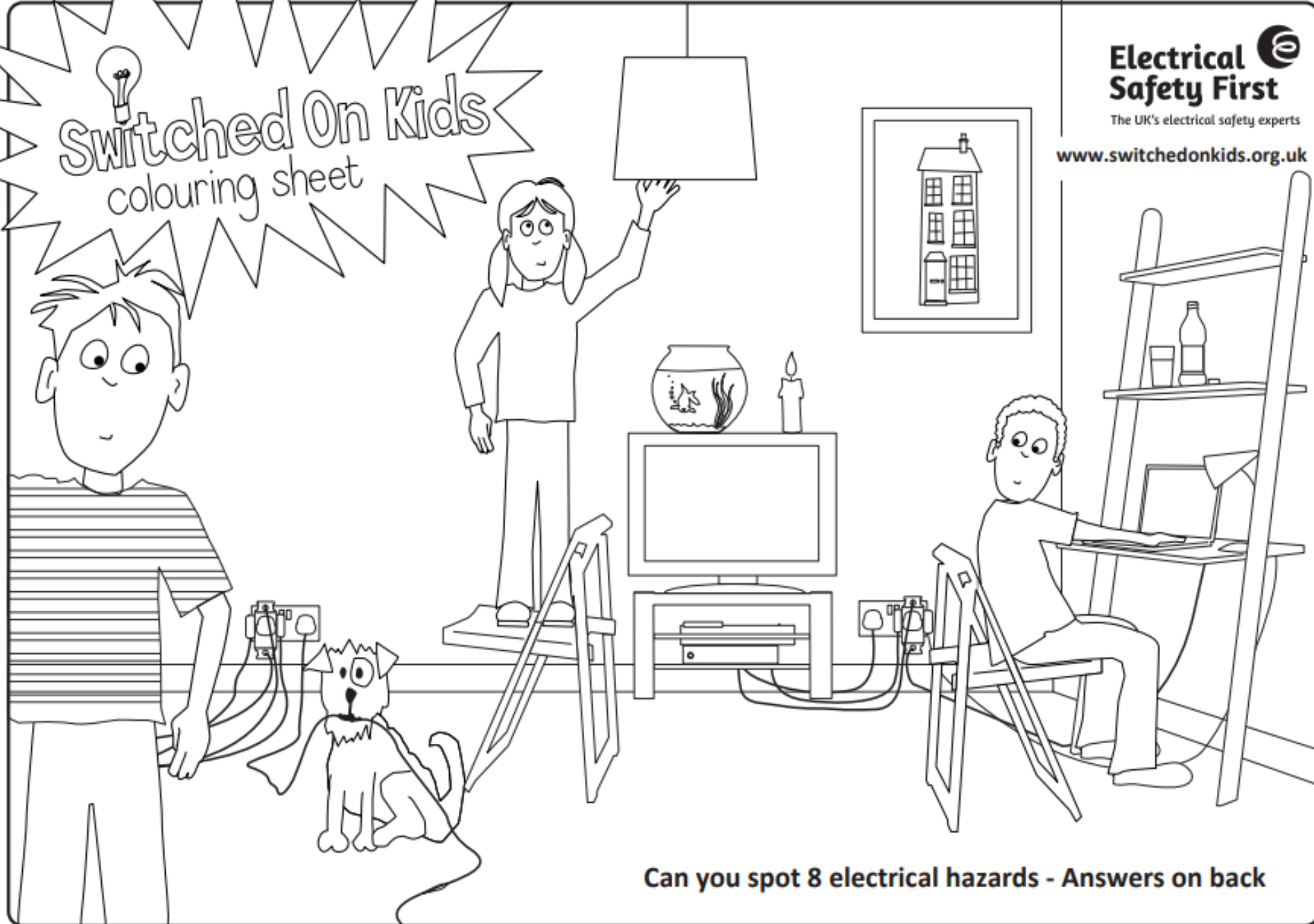
# Switched On Kids

colouring sheet

**Electrical Safety First**

The UK's electrical safety experts

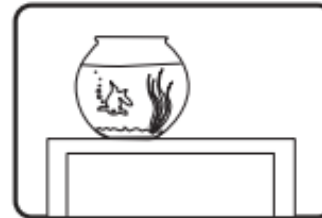
[www.switchedonkids.org.uk](http://www.switchedonkids.org.uk)



**Can you spot 8 electrical hazards - Answers on back**



Ask an ADULT for help. If an electric lightbulb needs changing, don't try to do it yourself



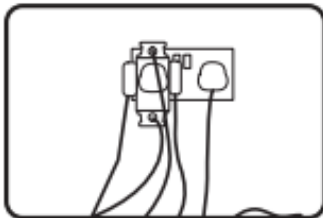
Liquid and electricity do not mix  
Never put any sort of water, drinks or any liquid on electrical equipment



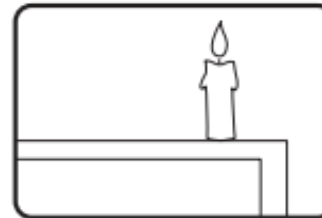
Don't have leads and cables trailing across floors, they could cause a trip hazard and/or damage the cables



If the electric cable is damaged - get an adult to replace it



Never plug too many things into the same socket or add lots of extension leads - this is dangerous



Never put candles on or near electrical equipment



Drinks and electricity do not mix  
Never put drinks or any liquid on or above electrical equipment



Keep cables, plugs and plugged-in equipment out of the way - it could trip you or even cause a fire!

  
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If you think there is something wrong with anything electrical ALWAYS ask an adult for help










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# Switched On Kids

## Top electrical safety tips

-  Turn off electric games and equipment when they are not in use or when you go to bed. It is safer and also kinder to the environment.
-  Get a grown up to regularly check the plugs, sockets and flexes for signs of scorching or fraying. If damaged, make sure they get them repaired.
-  Don't let leads from electrical equipment, such as toasters or kettles, trail across your cooker tops.
-  If you get toast stuck in a toaster, don't try to get it out whilst the toaster is still plugged in, especially not with a knife, or you could get an electric shock.
-  Never put water, drinks or other liquids on or near electrical equipment.
-  Liquids and electricity don't mix. Always dry your hands before you use any electrical equipment or you could get an electric shock.
-  Never take mains powered electrical equipment, such as radios or hair straighteners, into the bathroom. You could get an electric shock.
-  Make sure a grown up always uses an electrical circuit breaker (called an RCD) when working outdoors with electrical tools, such as lawn mowers, hedge trimmers and power tools.
-  Never go straight from the paddling pool into the house without getting dried first. If you touch anything electrical while you are wet, you could get an electric shock.

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