

Year 4 Science

Electricity- Tuesday



Recap

What did you learn about safety around electricity during yesterday's lesson?

Year 4 Science

Electricity- Tuesday



Today's task

Hopefully at some point this year, we will all be returning to school! Your task today is to design and create an electricity safety poster for your classroom. This will need to include pictures, colour and clear messages to help keep you and your peers safe in regards to electricity.

Year 4 Science

Electricity- Tuesday



Examples

ELECTRICAL SAFETY TIPS

<p>Check the damage to the electrical cables before using the equipment</p>	<p>Turn off the switch before plug in / plug off.</p>	<p>Unplug electrical equipment by holding the plug top</p>
<p>Do not make any electricity connection if you are not qualified.</p>	<p>Do not touch electrical appliances with wet hands</p>	<p>Do not install too many plugs on one socket.</p>

AVOID RISK

<p>DEATH</p>	<p>FIRE</p>	<p>LOSS</p>
---------------------	--------------------	--------------------

HELP DESK

SUPPORT BUSINESS
POMMIS
1800-88-7557

If the electrical cable is broken, do not approach. Report to the Facilities Management







Year 4 Science


Electricity- Tuesday



Examples

Staying Safe with Electricity

-   Don't pull wires.
-   Don't put your fingers in sockets.
-   Don't fly kites or climb trees near power lines.
-   Don't use radios or hair dryers near water.




Year 4 Science


Electricity- Tuesday



Examples

Staying Safe with Electricity

-   Don't pull wires.
-   Don't put your fingers in sockets.
-   Don't fly kites or climb trees near power lines.
-   Don't use radios or hair dryers near water.



Year 4 Science Electricity- Tuesday



Examples

Electrical Safety

Flexibility can kill!

- 1. Falls are a major cause of injury in the workplace. Flexibility can kill!
- 2. People who are flexible are more likely to be injured by electrical equipment.
- 3. People who are flexible are more likely to be injured by electrical equipment.

Assessing the risks

- 1. Identify the risks.
- 2. Assess the risks.
- 3. Implement measures to control the risks.
- 4. Review the risks.

Reducing the risks for employers

- 1. Avoid people working on or with electrical equipment unless they are competent for the task.
- 2. Provide adequate training.
- 3. Provide adequate supervision.
- 4. Provide adequate PPE.
- 5. Provide adequate signage.
- 6. Provide adequate safety equipment.
- 7. Provide adequate safety equipment.
- 8. Provide adequate safety equipment.
- 9. Provide adequate safety equipment.
- 10. Provide adequate safety equipment.

What do the regulations require?

The Health and Safety at Work etc Act 1974 requires that:

- 1. Employers are responsible for the safety and health of their employees.
- 2. Employers must ensure the safety and health of their employees.
- 3. Employers must ensure the safety and health of their employees.
- 4. Employers must ensure the safety and health of their employees.
- 5. Employers must ensure the safety and health of their employees.
- 6. Employers must ensure the safety and health of their employees.
- 7. Employers must ensure the safety and health of their employees.
- 8. Employers must ensure the safety and health of their employees.
- 9. Employers must ensure the safety and health of their employees.
- 10. Employers must ensure the safety and health of their employees.

Portable Appliance Testing (PAT)

What is the objective of PAT?

- 1. To ensure that portable electrical equipment is safe to use.
- 2. To ensure that portable electrical equipment is safe to use.
- 3. To ensure that portable electrical equipment is safe to use.
- 4. To ensure that portable electrical equipment is safe to use.
- 5. To ensure that portable electrical equipment is safe to use.
- 6. To ensure that portable electrical equipment is safe to use.
- 7. To ensure that portable electrical equipment is safe to use.
- 8. To ensure that portable electrical equipment is safe to use.
- 9. To ensure that portable electrical equipment is safe to use.
- 10. To ensure that portable electrical equipment is safe to use.

Reducing the risks for employees

Visual inspection should take place daily by employees.

- 1. Check for damage to the equipment.
- 2. Check for damage to the equipment.
- 3. Check for damage to the equipment.
- 4. Check for damage to the equipment.
- 5. Check for damage to the equipment.
- 6. Check for damage to the equipment.
- 7. Check for damage to the equipment.
- 8. Check for damage to the equipment.
- 9. Check for damage to the equipment.
- 10. Check for damage to the equipment.

A 1994-95 publication of the Health and Safety Commission, London. ISBN 0 7176 0111 1.