KIRTON PRIMARY SCHOOL

TERM 6 NEWSLETTER 2025

YEAR 6

June 2025
Dear Parents and Carers

We would like to welcome you to the start of our final term. We are really excited for the term ahead.

Our Topic

Term 6: Electricity
This term we will be learning about electricity, including: what electricity is and how we use it, how to create circuits and their use in everyday life.

Maths and English

In maths lessons, children will be learning about: fractions, formal written methods, measure and statistics as well as different forms of problem solving.

It would really support your child if they were confident with their times tables. This would help them in all areas of maths. This term your child needs to learn the: corresponding division facts for the times tables up to 12 x 12; multiplication and division problems involving multiples of 10; and multiplication and division problems involving multiples of 100.

In English, we will be learning about: instruction texts, newspaper reports, persuasive letters and play scripts.

In order to support your child, you could look at the different examples of persuasion seen in books, magazines and through television. It may also help your child to look at the layout of a newspaper and its structure.

The spellings that your child will be learning this term will be sent out with homework on a Thursday; it would be really useful if you could help your child to learn these spellings.

Please encourage your child to read at home every day and ask them questions about what they are reading at every opportunity. We aim to change books regularly.

Your child may bring a water bottle to school. Please ensure the bottle is clearly named and only contains water.

PE

Our PE day is on Friday. Please ensure that your child has the appropriate PE kit. For outdoor games, the children need plain black/navy tracksuit bottoms, a plain white t-shirt, a plain sweatshirt and trainers. For indoor PE, the children need plain black/navy shorts, a plain white t-shirt and plimsolls. Every item needs to be clearly labelled and in a bag that will remain in school every day. Kits will be taken home to be washed at the end of each term. No items should be taken home during the term.

Homework

Homework is set on a Friday and will continue to support your child's education. It will include weekly maths and English activities as well as reading, some spelling investigations and multiplication facts. If there are ever any problems about the homework, please come and see us as soon as possible.

Warmer weather

As the weather is getting warmer, children should begin to bring hats into school. Please ensure these are clearly named. Sun cream must not be brought into school as it cannot be applied at school. If necessary, sun cream should be applied at home before coming to school.

Important Dates

02.06.25 – First day of Term 6
30.06.25-02.07.25 – PGL and Activities Week
14.07.25 – Reports to be sent home this week
18.07.25 – Summer Gala 3:30 – 5:00pm
22.07.25 – Y6 Bowling Trip
22.07.25 – Last day of Term 6
02.09.25 – First day of Term 1

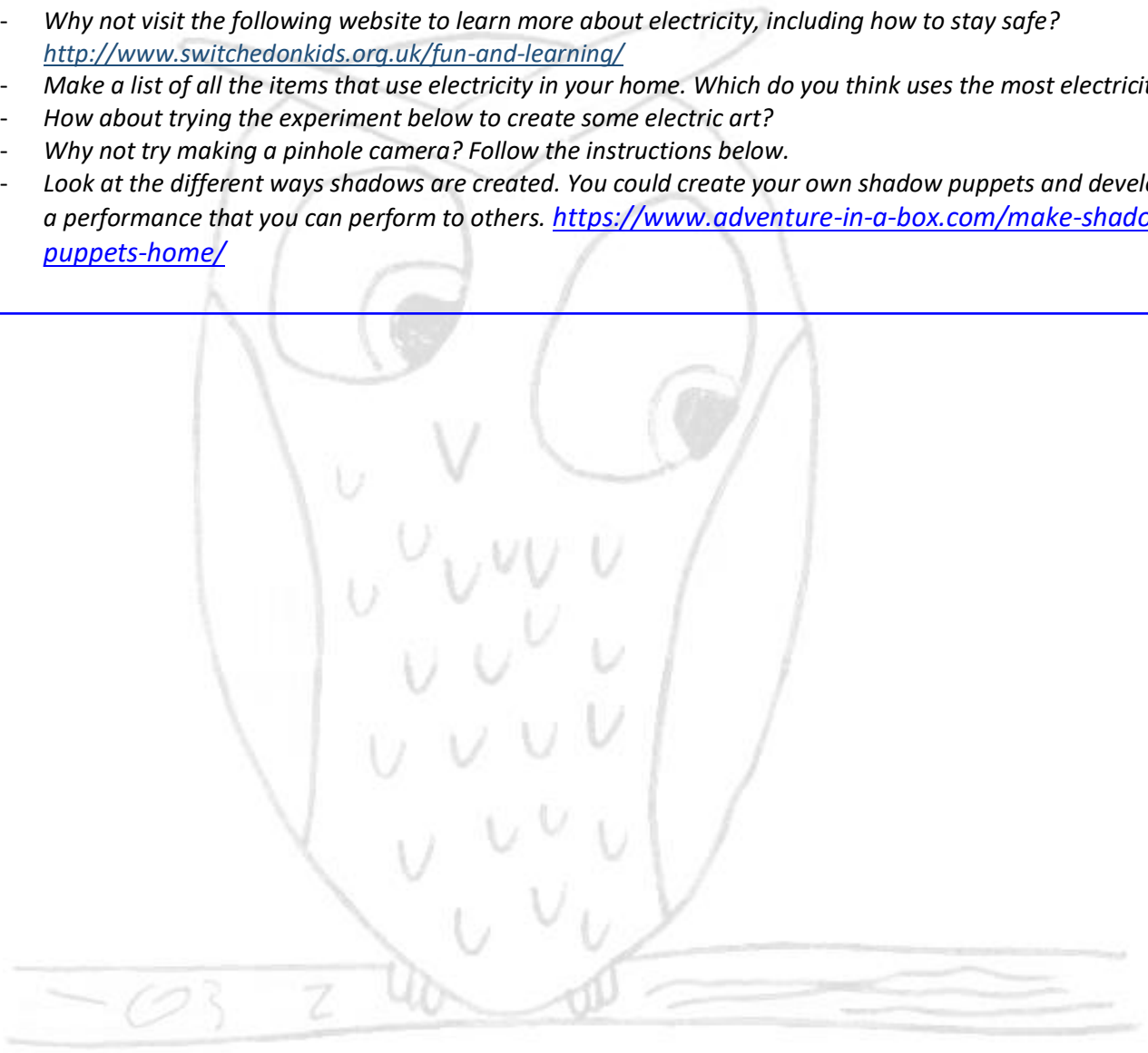
Yours Sincerely

Station Road, Kirton, Boston, Lincolnshire PE20 1HY
Tel: 01205 722236 Email: enquiries@kirton-boston.lincs.sch.uk

Ms Houghton Miss Roberts
Mr Stansfield Miss Wilkinson
Year 6 Class Teachers

HOW YOU CAN SUPPORT YOUR CHILD'S LEARNING THIS TERM:

- *Why not visit the following website to learn more about electricity, including how to stay safe? http://www.switchedonkids.org.uk/fun-and-learning/*
- *Make a list of all the items that use electricity in your home. Which do you think uses the most electricity?*
- *How about trying the experiment below to create some electric art?*
- *Why not try making a pinhole camera? Follow the instructions below.*
- *Look at the different ways shadows are created. You could create your own shadow puppets and develop a performance that you can perform to others. https://www.adventure-in-a-box.com/make-shadow-puppets-home/*



Electric Journeys
Electric Art

About this activity:

Did you know that you can use salt water or dough to make a light bulb shine? It sounds crazy, but it's true! This is because salt is a good conductor of electricity; i.e. it helps the electricity journey through the water or dough. Pure water contains very few ions, so it does not conduct electricity, but when salt is dissolved in water, the salty water does conduct electricity because the salt contains ions. These ions are what carry electricity on their journey.

Try this electric art activity to light up an LED, or buzzzzz a buzzer!

Equipment:

- Adult Supervision

For the salt dough:

- 160g flour
- 165ml water
- 3 tbsp salt
- 2 tbsp cream of tartar
- 2 tbsp vegetable oil

Instructions:

1. Mix the dough ingredients in a pan. Ask an adult to help you heat the mixture gently.
2. Keep stirring until the mixture gets thicker and then forms one big lump of dough.
3. Leave the lump to cool a bit, then start kneading it on a non-stick surface. When the dough is nice and smooth, it's ready to use.
4. The dough conducts electricity, so you can use it to replace wires in simple circuits. Do some research on how to make a working circuit. Remember that you will need an adult helper whenever you are working with batteries.

Watch out!

- Adult supervision required when using the hob.
- Never touch an electrical item with wet hands.
- Electricity can cause fire. Separate the batteries and disconnect them from the foil as soon as you finish the experiment.

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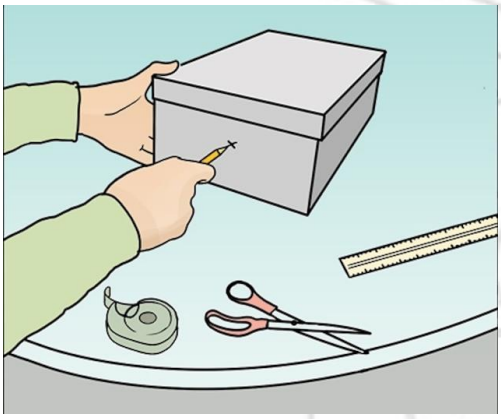
Making a pinhole camera

You will need:

- Sharp pencil
- Empty shoe box with a lid
- Craft knife (ask an adult for help with this!)
- Scissors
- Ruler
- Wax paper
- Tape
- Blanket

STEP ONE



Use the point of a sharp pencil to punch a hole in one of the shorter ends of the shoebox.

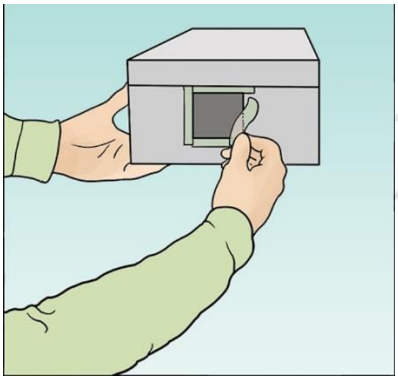
STEP TWO

Ask an adult to use a craft knife to cut a square in the opposite end of the box, directly across from the hole. The square should measure 2 inches on each side.

STEP THREE

Use scissors to cut a square of wax paper that measures 3 inches (7.5cm) on each side.

STEP FOUR



Place the wax paper directly over the square you cut in the box. Tape the edges of the wax paper to the box.

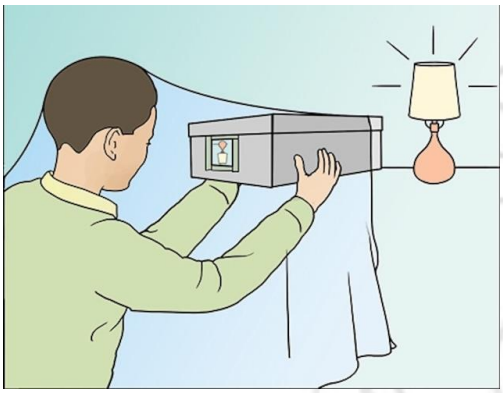
STEP FIVE

Take the camera box to a dimly lit room and turn on a lamp. Stand about 5 feet from the lamp.

STEP SIX

Cover your head and pinhole camera with a blanket. Be sure that the end with the wax paper is facing you and the end with the pinhole is facing the lamp.

STEP SEVEN



Hold your pinhole camera at arm's length from your face and aim it at the lamp. Keep it steady until you see an upside-down image of the lamp.