

Home-Learning Ideas – UKS2 Theme: Homes

When a learning activity has been completed, the box can be coloured in. When all the boxes have been coloured – try the challenge boxes

English – Prior Knowledge

Have a go at the activity in the English pack before reading the texts. 'Warming up' your brain helps to get you ready for new learning

English – Match the Meaning

These activities in the pack are designed to help you broaden your vocabulary and understanding of the texts

English – Delightful Description

The text extracts have been chosen for their descriptions of various settings.

Highlight – the words and phrases which help you to build a picture in your head

Descriptive Devices – explore some of the techniques authors use when describing settings (sometimes these devices are also used for describing characters). How many examples of each can you find? See how many points you can collect

Draw a Description – how effective are the descriptions? Do they help you build a clear picture? Choose one of them and use the description to sketch, or draw in more detail, what you can 'see' in your head.

Label the drawing with the words and phrases from the text which have helped you picture it

English – Picture a Setting

Imagine you are writing a story that will become a best-selling book and, eventually, a film. The description of any settings will need to be very effective if the readers, and film-makers, are to picture them clearly in their imaginations.

Do the activities in the pack to help you write an effective description. You might need to include some characters to show how they react to the setting.

Key Texts:

Extracts in the English Pack



Maths Challenge 1

Try to solve these problems!

Home City



Sheet: KS2 Home City
<https://nrich.maths.org/577>

Albert Square



Sheet: KS2 Albert Square

Maths Challenge 2



$$3\frac{3}{4} > \frac{15}{4}$$

True / False? Explain!
Use drawings to help.

Sometimes / Always / Never true?

All triangles have 1 line of symmetry.

Name the different triangles.

Maths

432,100	65,432	765.4	54.32	54,321
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Pick one of the numbers above (pick a different number each day). Then do each of these to the number...

- What is the value of the 4 digit in the number?
- Find the difference between the number and 10,000
- Round it to the nearest 1,000
- Add 50 tenths.
- 1,001 more (best strategy?)

Now try these:

1. How many degrees in a whole turn
2. How many centimetres in 4.2 meters
3. Find the product of 15 and 32
4. 2,160 divided by 4
5. The area of a rectangle with sides of 12cm and 55 cm

If you find the correct answers, what do you notice?
Describe the sequence. What number is missing from the sequence?
Write more questions for the sequence.

Try some Home Learning from the LANCS Maths Team...

http://www.lancsngfl.ac.uk/curriculum/primarymaths/index.php?category_id=1211

Maths Game



Play Countdown... online here...

<https://nrich.maths.org/6499>

Don't look at the solution until you have your own answer!

Design Technology

Create a home for a small toy in your house. You could use an old plastic plant pot or a cardboard box and use sellotape or glue to join other materials to it. How many different materials can you use?

Here are some ideas for adaptations.

Windows that open and close, a pulley system for a lift on the outside of the house, curtains that open and close.

Take care when cutting out windows and doors.



Image from "The Artful Parent" website.

Art / DT

Create a portrait of your home using coloured pencils, felt tips or paint.



Alternatively, you could use textiles and either sew or glue them together to create your home portrait.

Science

Materials



Around your house, find 10 different objects and find different ways to sort them (e.g. by material, by permeability, translucency...)

Which materials are the best thermal insulators?



Learn about solids, liquids and gases in this BBC lesson.

<https://www.bbc.co.uk/bitesize/articles/z6pyvk7>

You will need an adult to help with the last activity.

Science Challenge:

Design a container that will keep an ice cube frozen as a solid for as long as possible. Which materials will you choose? What size and shape of container will you use? Why?

History

Houses haven't always had windows or even windows that had glass in. What impact do you think using glass in windows has had on people's lives?



PE

Daily PE lessons with Joe Wicks

<https://www.youtube.com/channel/UC AxW1XT0iEJo0TYIRfn6rYQ>



Computing

Lots of objects in our houses today are connected to the internet. Vacuum cleaners are connected to the internet so that you can timetable them to vacuum for you. Smart fridges have been invented that let you know when you are running low on certain foods and even order more for you! Can you find something in your house that you think would be fantastic if it was connected to the internet? What would it do that would make your life easier and more enjoyable? Draw a diagram and label it.



E-Safety

Don't forget how to stay safe when you're using the internet at home.

Look at some of the help on...



<https://www.thinkuknow.co.uk/>