



Pine Class Home Learning Summer 1 2026

Date Set: Friday 17th April 2026

Weekly home learning (set Friday, due before following Friday):

- Spag.com activity
- EdShed activity
- Maths.co.uk activity
- 30 minutes times tables practice (on Times Tables Rockstars website)

Creative Half termly home learning:

Choose at least 2 of the tasks below to complete before the end of this half term. Pupils can complete more if they wish to do so.

Creative Home Learning for Summer 1



Science

Reversible/Irreversible Cooking Diary: Bake bread or cook a meal. Take a picture of your finished product and record which changes are reversible (e.g., melting butter) and which are irreversible (e.g., baking dough).

Or

"Why is it Made of That?" Hunt: Create poster or PowerPoint. Choose 5 objects in the home and justify *why* the materials they are made of were chosen based on properties like transparency, magnetism, or conductivity.

Bath towel.

Material: cotton



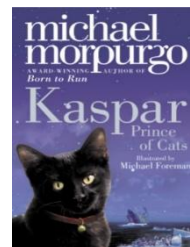
Properties:

Soft- feels nice against your skin.

Absorbent: Dries effectively

Flexible: you can wrap it around yourself.

Life during Edwardian Times - Kaspar, Prince of Cats is set between the Victorian and Edwardian Eras. How was life different during that time for children? Create a report or presentation about life for rich or poor children during this time.



History - The Changing Power of the Monarchy. Create a timeline for the following British Monarchs, include dates and one interesting fact about their reign: William I, Henry II, Richard I, John, Henry VIII, Mary, Elizabeth I, Charles I, Victoria, Elizabeth II.

Art Create an observational drawing or painting of a building of your choice either from first hand observation or from a picture.

Or create an observational drawing or painting of something with a link to spring. We may even be able to enter some of these, along with our class artwork, to the Ham Fair Exhibition.



Please see following page for this term's Key Instant Recall Maths Facts. Ideally, these key facts are practiced and reinforced at home to help ensure they are secure by the end of the term.



Key Instant Recall Facts

Year 5 – Summer 1

I can recall square numbers up to 12^2 and their square roots.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

$$1^2 = 1 \times 1 = 1$$

$$2^2 = 2 \times 2 = 4$$

$$3^2 = 3 \times 3 = 9$$

$$4^2 = 4 \times 4 = 16$$

$$5^2 = 5 \times 5 = 25$$

$$6^2 = 6 \times 6 = 36$$

$$7^2 = 7 \times 7 = 49$$

$$8^2 = 8 \times 8 = 64$$

$$9^2 = 9 \times 9 = 81$$

$$10^2 = 10 \times 10 = 100$$

$$11^2 = 11 \times 11 = 121$$

$$12^2 = 12 \times 12 = 144$$

$$\sqrt{1} = 1$$

$$\sqrt{4} = 2$$

$$\sqrt{9} = 3$$

$$\sqrt{16} = 4$$

$$\sqrt{25} = 5$$

$$\sqrt{36} = 6$$

$$\sqrt{49} = 7$$

$$\sqrt{64} = 8$$

$$\sqrt{81} = 9$$

$$\sqrt{100} = 10$$

$$\sqrt{121} = 11$$

$$\sqrt{144} = 12$$

Key Vocabulary

What is 8 squared?

What is 7 multiplied by itself?

What is the square root of 144?

Is 81 a square number?

Children should also be able to recognise whether a number below 150 is a square number or not.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Cycling Squares – At <http://nrich.maths.org/1151> there is a challenge involving square numbers. Can you complete the challenge and then create your own examples?

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.