Thursday 30th April

Dear Year 6

We hope you and your families are keeping well and have had a good week.

Here are the suggested activities for this week for you to follow and complete.

Please also remember to take time to relax, exercise and be kind to yourselves.

Take care and keep smiling,

Mrs Graham and Mrs North

Reading

As always, you should be aiming to read for ***at least 20 minutes everyday***. Find some time today to sit quietly and read.

Remember you can now take Accelerated Reader quizzes from home by using this link Howley Grange Renaissance at home and logging on as usual using your username and password.

To check that the book you are reading has a quiz, you can check it using on Accelerated Reader Bookfinder. It's okay to read books which haven't got a quiz – just keep a record of what you have read.

Keep reading and exploring new worlds and adventures!

English Activity 4a - Adverbs

In the sentences below, the adverb 'slowly' is used to describe how the man enters the room. Adverbs are like roving reporters – they can be moved around the sentence, e.g.

a. The man went in, slowly

b. Slowly, the man went in.

c. The man went slowly in.

d. The man slowly went in.

By changing the position of the adverb, we can often either alter the meaning or add emphasis to a sentence. In this instance, by placing the *slowly* at the end, we infer that the character has a heightened awareness of the situation they are in and therefore deliberately enters with caution.

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English Activity 4a

★ **Try playing around with the adverb position in the following sentences. Consider how it alters the meaning and where the emphasis is best placed.**

1. Cautiously, Samantha crept towards the door that stood before her.

2. Sadly, the boy stared out of the window.

★ **Now try this out with a sentence of your own.**

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English Activity 4b

Circle the **adverbs** in these sentences.

1. Tom walked to the shops yesterday.
2. Michelle delivers the newspapers daily.
3. Andy fought the fire extremely bravely.
4. I peered intensely into the empty darkness.
5. She looked elsewhere to find her dog.

Use your own **adverbs** to modify these sentences.

1. Make sure you climb the ladder _____.
2. Let's go to the cinema _____.
3. The ship sailed _____ into the harbour.
4. _____ my parcel will arrive.
5. The water poured out _____.

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Maths Activity 4a – ten in ten ☺

1) = 10,000 + 600 + 74
2) 583= 500 + + 3
3) 7 x 8 x 10 =
4) 6 x 38 =
5) + 9 = 458
6) 480 divided by 6 =
7) 72.46 x 10 =
8) 579 x 1000 =
9) 395 x 46 =
10) 30% of 680 =

You know the rule!

Ten minutes to answer ten questions ☺

Maths Activity 4b - Short Multiplication

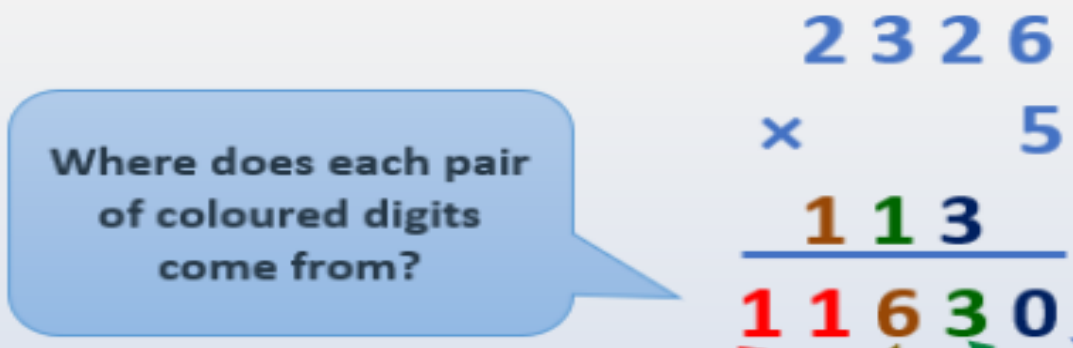
We have included a Learning Reminder that will help you with answering today's questions.

Don't forget that you can also use your Maths revision book to help you.

Learning Reminders

Use short multiplication to multiply 3- and 4-digit numbers by 1-digit numbers.

Find 5 x 2326



Where does each pair of coloured digits come from?

Remember to leave a line for the 'carry' digits, as in addition.

Step 4
2000 × 5
That's 10 thousands, plus the 1 thousand we had from multiplying the 100s. So, that's 11 thousands.

Step 3
300 × 5
That's 15 hundreds, plus the 1 hundred we had from multiplying the 10s. So, that's 16 hundreds.

Step 2
20 x 5 is, 10 tens, plus the 3 tens we had from multiplying the 1s, so that's 13 tens.

Step 1
6 x 5 is 30.

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Maths Activity 4b - Short Multiplication

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Multiplication practice

Use a written method to work out the answers, but watch out for a few where you could use a mental method instead.

1. 3 × 472	2. 5 × 635	3. 4 × 222
4. 4 × 572	5. 3 × 299	6. 8 × 427
7. 7 × 684	8. 3 × 2513	9. 6 × 7238
10. 4 × 4025	11. 8 × 4582	12. 5 × 3200
13. 6 × 7438	14. 8 × 7869	15. 7 × 9786

Challenge

Which two products have a difference of 2500? Which have a difference of 100?
(You may have to use some estimation to find these two)

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Maths Activity 4b - Short Multiplication

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Multiplying 4-digit numbers by 1-digit numbers

Use a written method to work out these multiplications.

1. 3 × 2493
2. 3 × 8241
3. 4 × 2854
4. 4 × 6178
5. 6 × 4728
6. 6 × 7236
7. 7 × 2143
8. 7 × 5942
9. 8 ×1487
10. 8 × 6048

Challenge

Which will have a total closest to 4321? a) 1234 x 4 b) 654 x 7 c) 1441 x 3

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Activity 4c - Challenge

Check your understanding

Questions

Maya says that 2578 x 4 gives the same product as 8 x 1289.
Is she correct? Demonstrate why/why not.

Multiply 1386 by 9. Write the product.
Add the same number (1386) to the product.
What do you notice?
Repeat with 2547 x 9, adding 2547 to the product.
Explain what happens.
Could you use this to make finding the product easier?

Write the missing digits in this multiplication:
3 6 ☐ 2 x 8 = ☐ 9 , ☐ 3 6

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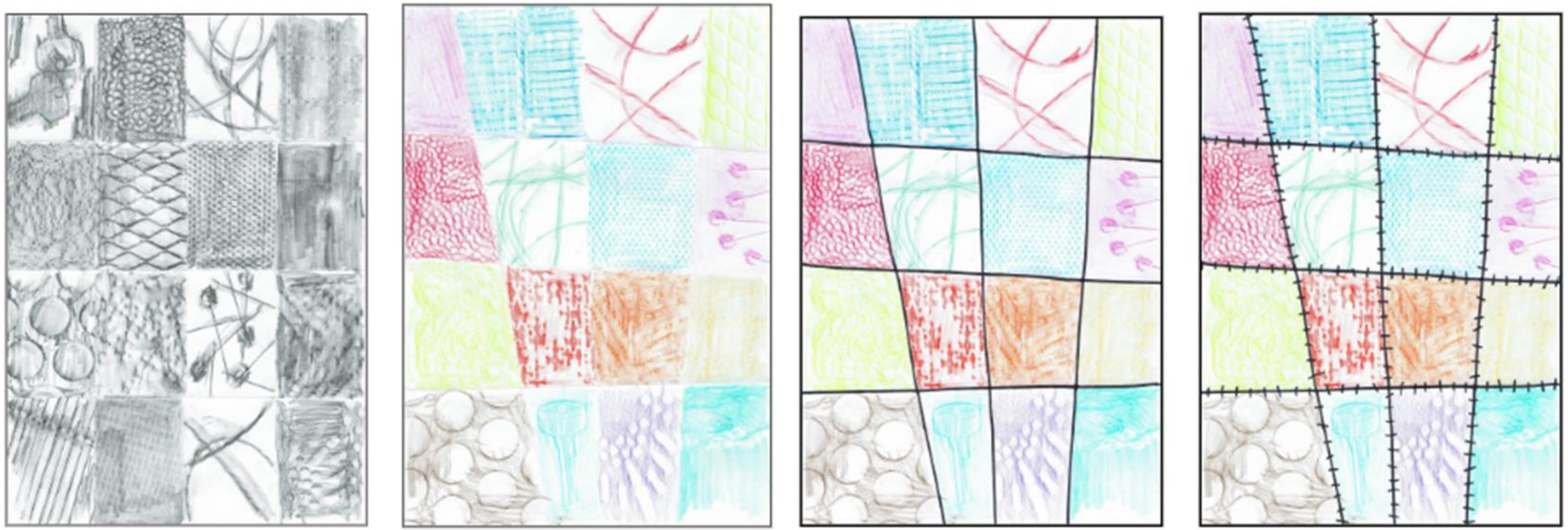
Art Activity

In this activity we will create a frottage patchwork from rubbings of textured objects which you find around your home. You will need a pencil and paper.

The lesson is taken from The Oak National Academy site. There is a video to watch first if you can (the link is below) but if you can't, I've copied the slides below showing you what to do.

https://www.thenational.academy/year-6/foundation/texture-treasure-hunt-year-6-wk1-5/



The finished result!!

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In this lesson we will create a frottage patchwork from rubbings of textured objects which you find around your home. You will need a pencil and paper.

Equipment

- A4 paper
- A sharp pencil

Optional:

- Colouring pencils
- A black felt marker

Google Slides

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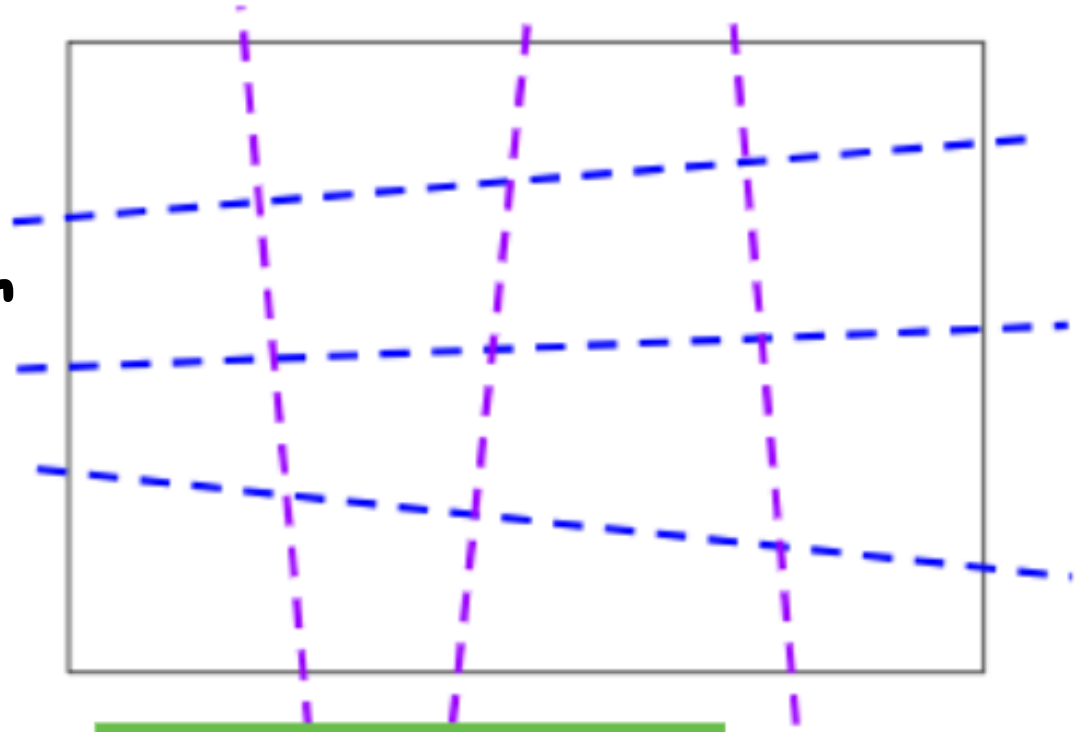
Prepare your page

or



Fold in half carefully lengthwise, then half again. Unfold. Repeat widthwise.

Fold roughly in half lengthwise, then fold each half roughly again. Unfold. Repeat widthwise.

Google Slides

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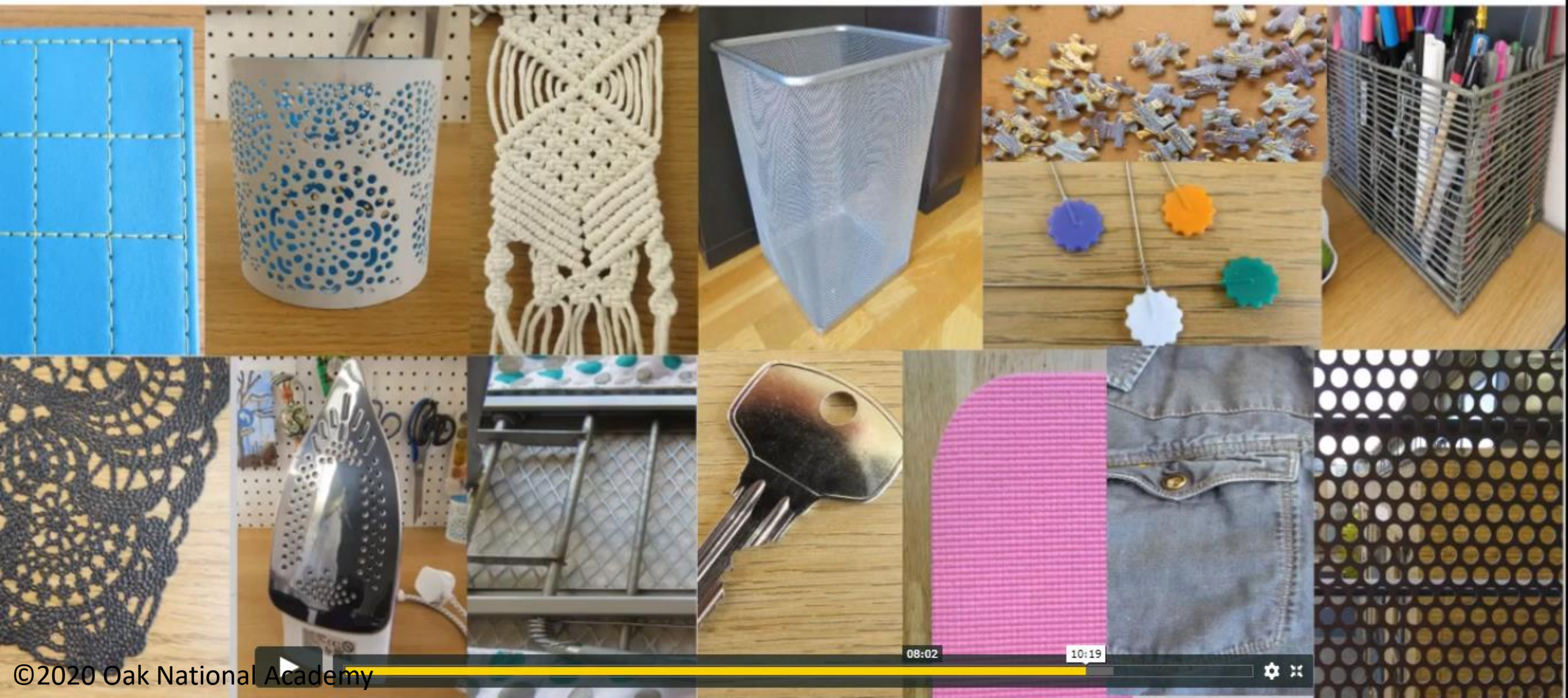
You will need to find a range of different textures around your home to use.

What I used - be inspired or discover your own:



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How to frottage

- Secure your paper by holding tightly, taping in place, or asking an adult to help you.
- Grip your pencil as shown with 4 fingers on top. This allows you to use the side of the lead.
- Rub over the surface to pick up the texture (try to stay within your folded lines)

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Tips

Use the side of your lead

The more contact there is between the page and the pencil, the better!

Keep your pencil sharp

A blunt pencil takes longer and is more likely to make holes in the work.

Hold your paper securely

You might need to ask an adult to help you.

Hard, flat objects are easier!

Do try some softer objects to see what effects you can get.

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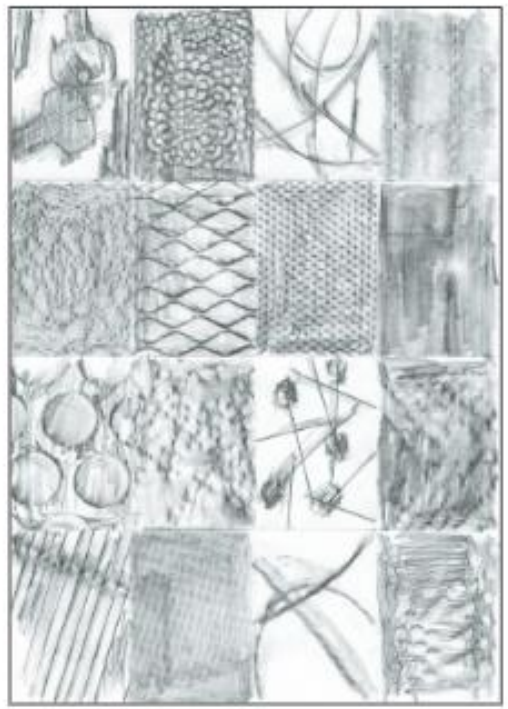
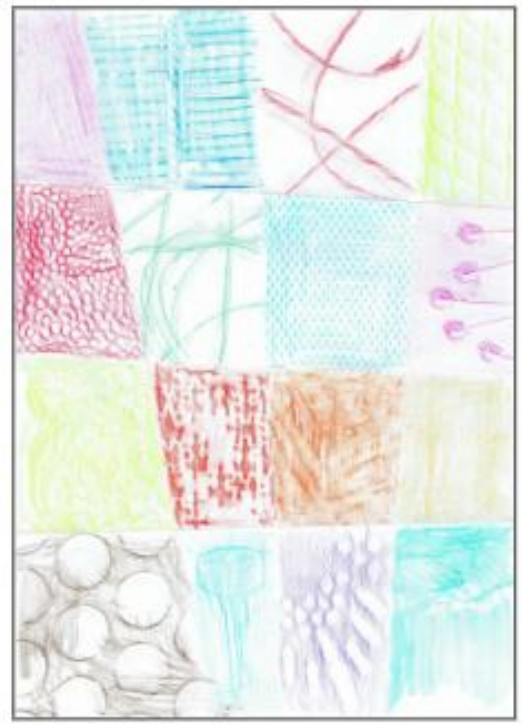
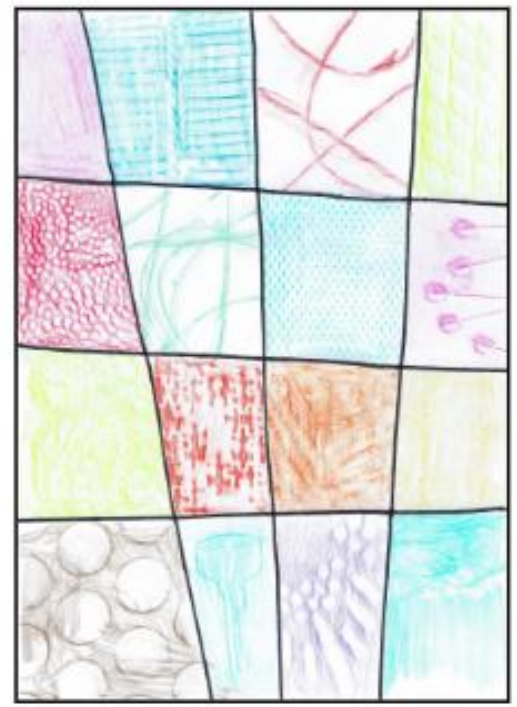
Examples

Add lines and patchwork stitches if you like.







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Reflect

WWW: I am proud of...

- E.g. the variety of textures which I found.
- How I kept my frottage neat and within the lines.

EBI: I could improve by...

- Ensuring I always keep my pencil sharp and by always using the edge of the lead to make my frottage.
- Choosing less soft objects as they were more difficult to make a clear frottage with.

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Extension

Make a new frottage collection using your objects and use these to collage (cut or rip and stick) and make a picture.

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Answers - 30/4/20

English Activity 4b

Circle the **adverbs** in these sentences.

1. Tom walked to the shops yesterday.
2. Michelle delivers the newspapers daily.
3. Andy fought the fire extremely bravely.
4. I peered intensely into the empty darkness.
5. She looked elsewhere to find her dog.

Use your own **adverbs** to modify these sentences.

1. Make sure you climb the ladder _____.
2. Let's go to the cinema _____.
3. The ship sailed _____ into the harbour.
4. _____ my parcel will arrive.
5. The water poured out _____.

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Maths Activity 4 – ten in ten ☺

1) 10674
2) 80
3) 560
4) 228
5) 449
6) 80
7) 724.6
8) 579000
9) 18170
10) 204

Activity 4b ** and ***

Practice Sheets Answers

Multiplication practice (mild)

1. 3 × 472 = 1416
2. 5 × 635 = 3175
3. 4 × 222 = 888
4. 4 × 572 = 2288
5. 3 × 299 = 897
6. 8 × 427 = 3416
7. 7 × 684 = 4788
8. 3 × 2513 = 7539
9. 6 × 7238 = 43,428
10. 4 × 4025 = 16,100
11. 8 × 4582 = 36,656
12. 5 × 3200 = 16,000
13. 6 × 7438 = 44,628
14. 8 × 7869 = 62,952
15. 7 × 9786 = 68,502

Challenge

Product number 4 and product number 7 have a difference of 2500.
Product number 10 and product number 12 have a difference of 100.

Multiplying 4-digit numbers by 1-digit numbers (hot)

1. 3 × 2493 = 7479
2. 3 × 8241 = 24,723
3. 4 × 2854 = 11,416
4. 4 × 6178 = 24,712
5. 6 × 4728 = 28,368
6. 6 × 7236 = 43,416
7. 7 × 2143 = 15,001
8. 7 × 5942 = 41,594
9. 8 × 1487 = 11,896
10. 8 × 6048 = 48,384

Challenge

c) 1441 x 3 = 4323
since 7 x 654 = 4578
and 4 x 1,234 = 4936

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Activity 4c - Challenge

Check your understanding

Answers

Maya says that 2578 x 4 gives the same product as 8 x 1289.
Is she correct? Demonstrate why/why not.
Maya is correct, the product of each is 10,312. Comparing the two questions, 4 has been doubled and 2578 halved, which results in the same product.

Multiply 1386 by 9. Write the product. 12,474
Add the same number (1386) to the product. 13,860
What do you notice? This is the same as 10 x 1386
Repeat with 2547 x 9, adding 2547 to the product.
Explain what happens. 2547 x 9 = 22,923; adding 2547 gives 25,470.
Could you use this to make finding the product easier? You can find the answer to 9 times any number by finding 10x the number, then subtracting the number itself.

Write the missing digits in this multiplication:

3642 x 8 = 29,136

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