

In the  
**PIONEERS ROOM**  
find this painting



How many **MILL CHIMNEYS** can you count?

**SEARCH** the room for the  
**EARLIEST** year you can find

Now **LOOK** for the  
most **RECENT** year

How many **YEARS** are between them?

**CLOCK IN** to work in  
the **WORKERS ROOM**



Your **SHIFT** starts at 7am.  
It takes you 30 mins to make **ONE** sock.  
How many **PAIRS** could you make  
before your shift ends at 5pm?

Use this space  
to work out  
your answer

Did you have  
a lunch hour?



# Thread **COUNT**

## Textiles + Maths Trail

**DESIGN** a **SCARF** with  
**6 COLOURS** or more

Borders Textile Towerhouse,  
1 Tower Knowe, Hawick TD9 9EN

**LIVE**  
BORDERS  
MUSEUMS  
GALLERIES  
& ARCHIVES



FIND the **PATCHWORK** tapestry  
at the bottom of the spiral stairs

How many **SQUARES**  
can you count?

Starting from the **RED BIRD**  
count **4 ACROSS** and **1 DOWN**  
What can you see in this patch?

Starting from the red bird again  
write the directions to your  
**FAVOURITE** patch

across:

down:

**STOP** and **FEEL** each fabric  
number as you go **UPSTAIRS**

Can you **ADD** them up?

For an extra  
challenge, do it without  
using your fingers or  
counting out loud

Which number **FEELS** the nicest?

In the **PROCESSES ROOM**  
**LOOK** at one the **MACHINES**

How many **CIRCLES** are there?

How many **SQUARES**  
can you see?

How many **TRIANGLES**  
can you find?

**DESIGN** your  
own pair of socks!

Are socks  
knitted or  
woven?

