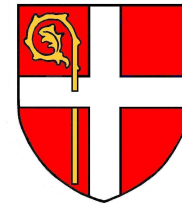
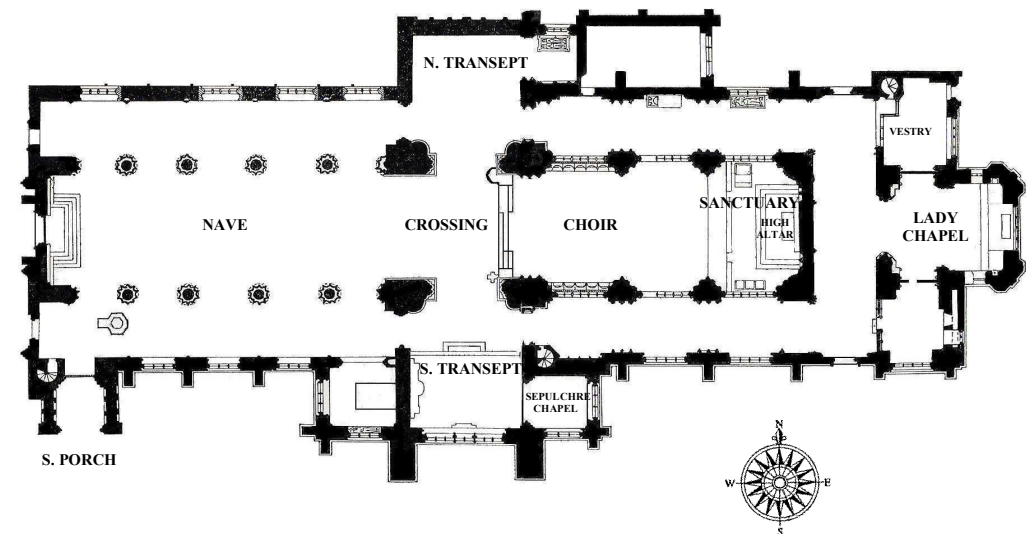


SHERBORNE ABBEY



TRAILS — 3

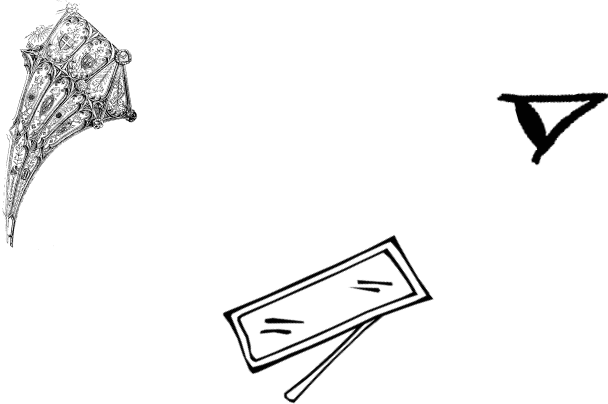
SCIENCE SEARCH IN THE ABBEY



1. In the **Nave** you will find a mirror which is used to look at the ceiling. Do you know what name is given to this type of ceiling? f __ v _____ ing

Use the mirror to look at the ceiling then complete this sentence: Light from the ceiling travels to the mirror and is r _____ into the eye in a straight line.

On the simple diagram below draw a ray of light showing how it travels.



2. At the **Crossing** by the east end of the Nave notice the colour of the walls. The Abbey used to be divided in two, one end was for the monks, the other for the rest of the people of the town.

Activities to do at home

In your Bible read the story of God's Creation, **Genesis Ch 1.**

Q.6 referred to Flowers. On what day did God create the Plants?

On what day did God create the Animals and Birds?

Read the story of Noah and the Flood, **Genesis Chs 6 - 9.**

Q.7 referred to the colours of the rainbow. God sent a rainbow as a sign of a "Covenant". A covenant is a promise. In this story, what was the promise God made?

.....
.....

Why is it important to you that your family and friends always keep their promises?

.....
.....

Q.8 referred to the supporting structures outside the Abbey.

How could you support the Church from inside like a pillar?

.....
.....

How could you support the Church from outside like a buttress?

.....
.....

9. Here is a word-search which relates to items that can be found at the Abbey.

S	A	W	T	I	P	L	U	P	S	H	P	R
O	M	I	N	B	S	V	K	S	F	Y	T	A
D	X	N	H	R	W	G	E	Z	E	M	Y	K
E	B	D	L	C	E	R	A	D	Q	N	B	C
R	C	O	S	H	T	T	R	L	K	B	J	I
E	Y	W	J	T	V	X	C	G	F	O	N	T
R	E	S	U	F	N	S	W	E	P	O	C	S
N	U	B	M	O	T	B	D	X	L	K	Z	E
I	T	G	N	F	B	O	R	G	A	N	P	L
F	A	P	K	E	H	N	W	H	U	T	J	D
F	T	I	L	Z	U	E	W	D	P	D	X	N
O	S	L	L	A	T	S	R	I	O	H	C	A
C	S	H	R	J	Q	O	A	S	S	O	R	C

- | | |
|-------------|--------------|
| Windows | Pulpit |
| Reredos | Font |
| Hymn Book | Buttress |
| Statue | Organ |
| Flags | Coffin |
| Bones | Tomb |
| Bells | Pews |
| Lectern | Choir Stalls |
| Candlestick | Cross |

In 1437 they had an argument and the townspeople tried to burn down the monks' part. What colour did the fire turn the stone walls?

Which end was the monks' end?

NB. Limestone has to reach temperatures of 1500°C to change colour.

At what temperature does water boil?

How many times greater was the heat of the fire?

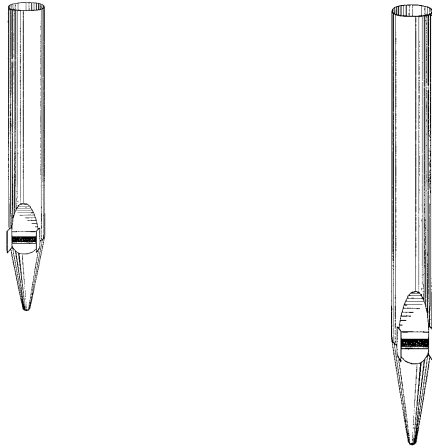
What is written on the walls which are scorched either side of the front pews?

3. Near the **Vestry** at the east end of the North Choir Aisle you will find a vault below the floor. If you look through the glass, you will see some very old bones. To which part of the human body do they belong?

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Look at the old stone coffin and estimate how tall the occupant might have been.

4. Find the **Lady Chapel** beyond the High Altar. Look at the beautiful engraved glass reredos. On the left you can see a cereal plant. What do you think it is?
Now look at the right side, what fruit is shown?
In what form are these two used during a Communion Service?

5. Below the west window can be seen the pipes of the Nave Organ. Look at them carefully and then draw a circle around the pipe which will sound the higher pitch.



Complete the sentence: A sound is made by air inside the pipe v against the walls of the pipe.

6. In the Abbey you will find flowers and foliage (except during Lent). What 3 things are essential for flowers to live and grow?

Can you think of any Hymn which mentions flowers?

.....

The Hymn Books we use during a service are made of paper. From what type of living plant is paper made?

.....

7. Before you leave, look up at the West Window. Can you identify the 7 colours of the rainbow? Opposite each colour write down a feature in the window which is the same colour. One is done for you.

COLOUR	FEATURE
R _ _
O _ _ _ _
Y _ _ _ _
Green	Tree
B _ _ _
I _ _ _ _
V _ _ _ _

8. When you are outside, look at the South wall. You will see three stone structures that come out from the wall on to the roof below.

Can you name these structures? B

Do you know what they are for?