



*Week beginning 6th July 2020*

**This week's STEM project theme is:**

Choose from this list of tasks and let us know what you find out!

### **Master Builder**

What materials would you choose if you were building a castle? Think about the properties of certain materials and the purpose of your castle – is it for defence or for comfort? Have a look at this BBC Bitesize clip to help you:

<https://www.bbc.co.uk/bitesize/topics/z4339j6>

*Draw a diagram of your castle then label its materials and features.*

*Explain your reasons for including each one.*

If you'd like to build a digital castle, go to <https://www.tvokids.com/school-age/games/castle-constructor>. You don't need to print it out, just explore!

### **Stained Glass Windows**

Stained glass windows were often used in castles and churches to display stories from the Bible for people who couldn't read. Design a stained glass window that shows a story to display in your window. You could draw your design or use paints, tissue paper or coloured cellophane to get a stained glass effect.

### **Shields and Swords**

Have a look at these links: <https://kids.kiddle.co/Heraldry>  
<https://www.english-heritage.org.uk/guide-to-heraldry>

Design your own shield following the information on these sites. Read about the meanings and symbolism then choose some colours, an animal and a charge (emblem).

What shape will your shield be?

Look at the animal pictures in the Heraldry Activity Pack from English Heritage. There are also instructions for making a cardboard shield and sword if you wish.

### **Castle Construction**

Look at the castle diagram on the back of this sheet. Design and make your own version of this structure – perhaps a papier mache motte (hill), cardboard buildings or lolly stick fences? Email us some photos of your creations!

## Visit a real castle

Find castles to visit near you on our interactive map online – [bbc.co.uk/history/handsonhistory](http://bbc.co.uk/history/handsonhistory)

**Motte:**  
earth mound with steep sides

**Moat:**  
sometimes a simple ditch, or with defensive spikes or water

**Palisade:**  
the outer defensive wall made of wood

**Bailey:**  
the castle compound  
– like a small village

**Keep:**  
strong defensive building – wood or stone

