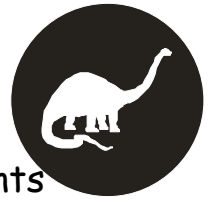


# Extra information...



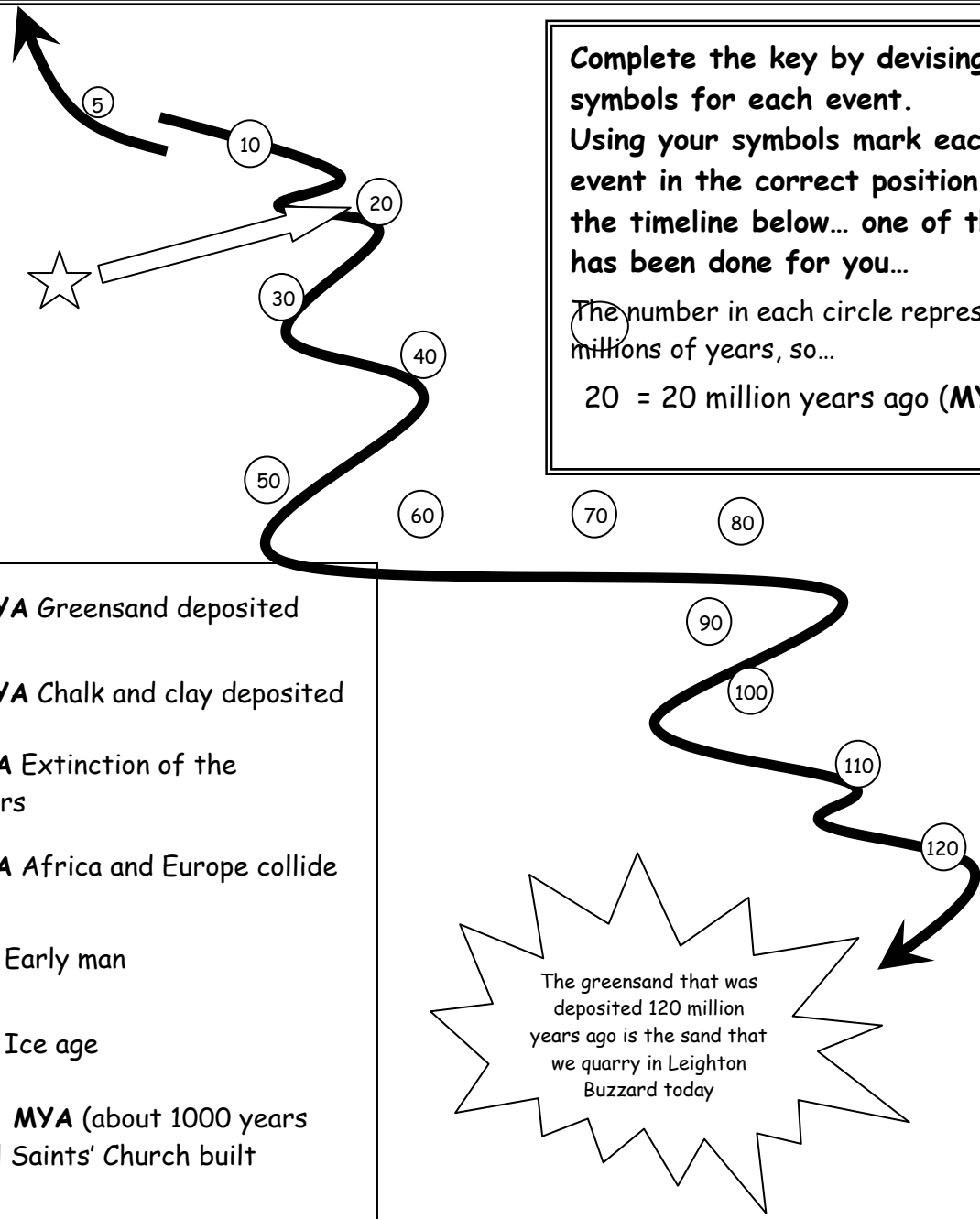
The formation of greensand & other important historic events

Teachers Notes	<ul style="list-style-type: none"><li>• Introduces the concept of a simple timeline</li><li>• Explains that the sand we quarry today was formed millions of years ago</li><li>• Introduces the use of keys</li></ul>
Fieldwork Suggestions	<ul style="list-style-type: none"><li>• Fossil hunting in a sand quarry (must be arranged through mineral companies)</li></ul>
Follow-up Ideas	<ul style="list-style-type: none"><li>• Investigation into one of the time periods</li><li>• Creative exercises to show what Leighton Buzzard might have looked like in the age of the dinosaurs</li><li>• A local study focusing on All Saints Church for example, when was it built, what it is built from...</li></ul>
Sandpit kit Links	<ul style="list-style-type: none"><li>• Fossils</li><li>• Sandstone</li><li>• 'The Greensand Ridge' poster</li><li>• Geological Models</li><li>• Pictures of dinosaurs</li><li>• Picture of All Saints Church</li></ul>
Curriculum Links	<p><b>HISTORY</b></p> <ul style="list-style-type: none"><li>• Placing events people and places in a chronological framework</li><li>• Organising historical information</li></ul> <p><b>GEOGRAPHY</b></p> <ul style="list-style-type: none"><li>• Investigate the physical features of the surrounding area</li></ul>

# GEOLOGY - The formation of greensand & important historic events

Greensand is the name for the sand that is found in the Leighton-Linslade and Heath & Reach area. The Greensand Ridge is a sandy ridge running across Bedfordshire. It has been formed over the last 120 million years accompanied by many other major events.

Complete the key by devising symbols for each event. Using your symbols mark each event in the correct position on the timeline below... one of them has been done for you...  
 The number in each circle represents millions of years, so...  
 20 = 20 million years ago (MYA)



## KEY

- 120 MYA Greensand deposited
- 110 MYA Chalk and clay deposited
- 65 MYA Extinction of the dinosaurs
- 20 MYA Africa and Europe collide
- 3 MYA Early man
- 2 MYA Ice age
- 0.0001 MYA (about 1000 years ago) All Saints' Church built

The greensand that was deposited 120 million years ago is the sand that we quarry in Leighton Buzzard today

Name

