

© UKRIGS Education Project: Earth Science On-Site

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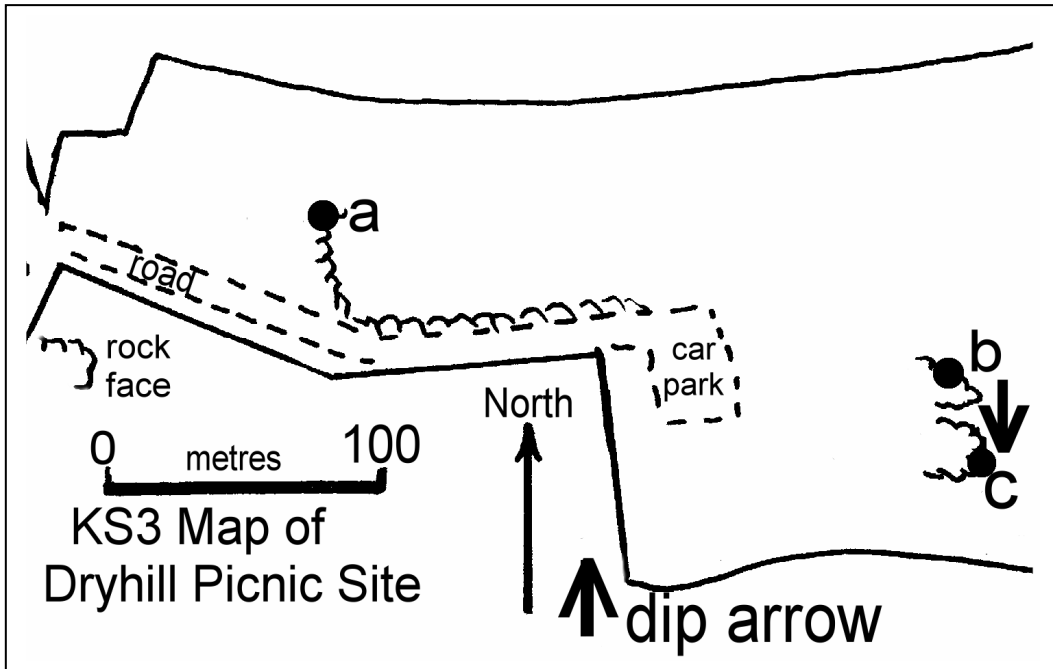
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PUPIL WORKSHEET 1

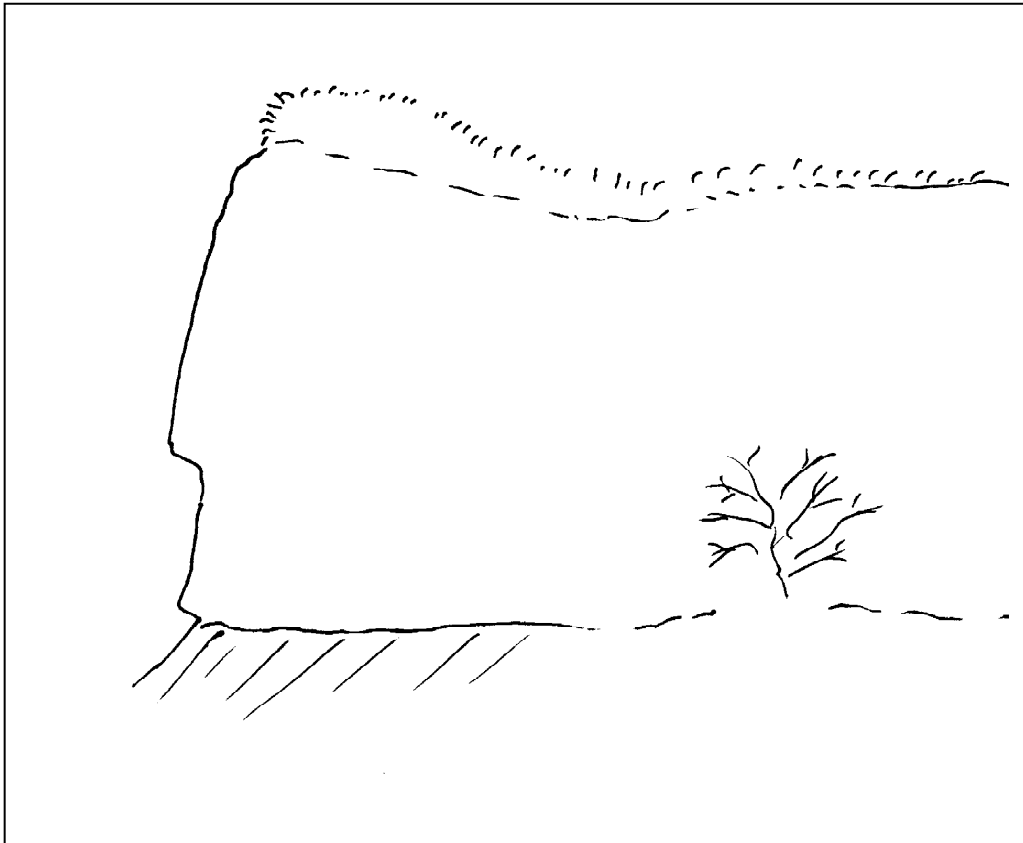
Pupil Name:



SKETCH OF SITE 1

North

South



PUPIL WORKSHEET 2

Pupil Name:

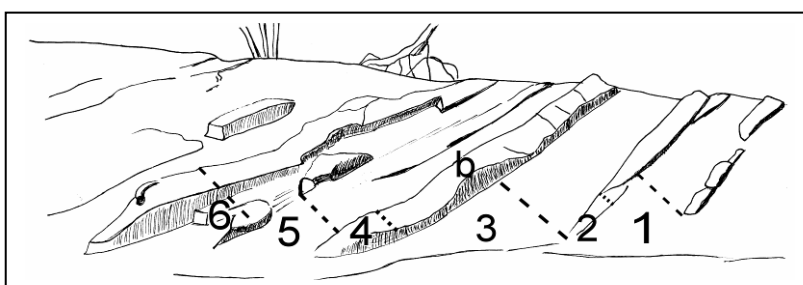
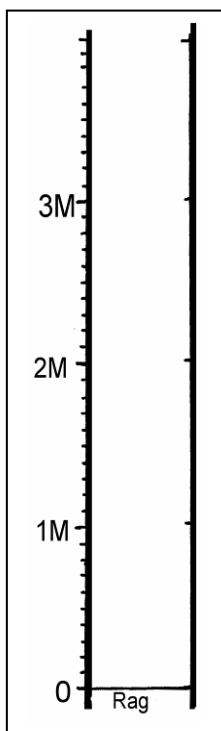
Site 2 Collecting Evidence From Rocks: record your observations and measurements from these rocks in the table below.

Use the dotted lines on the field sketch to guide you when measuring thickness at **right angles** to the bedding planes.

Then draw the beds to the right thicknesses, in the geological column at the right.

Bed	Thickness (cm)	Rock type	Other observations (e.g. colour, grain size, "fizz" with HCl, bedding planes, joints, fossils, more easily weathered, more resistant, etc)
Youngest 6			
5			
4			
3			
2			
1 Oldest			

GEOLOGICAL COLUMN AT SITE 2



Summarise below the things you can now say about these beds. (e.g. Deposited in lake, river, sea, or on land. Currents strong or weaker. Amount of tilting, etc)

PUPIL WORKSHEET 3

Pupil Name:



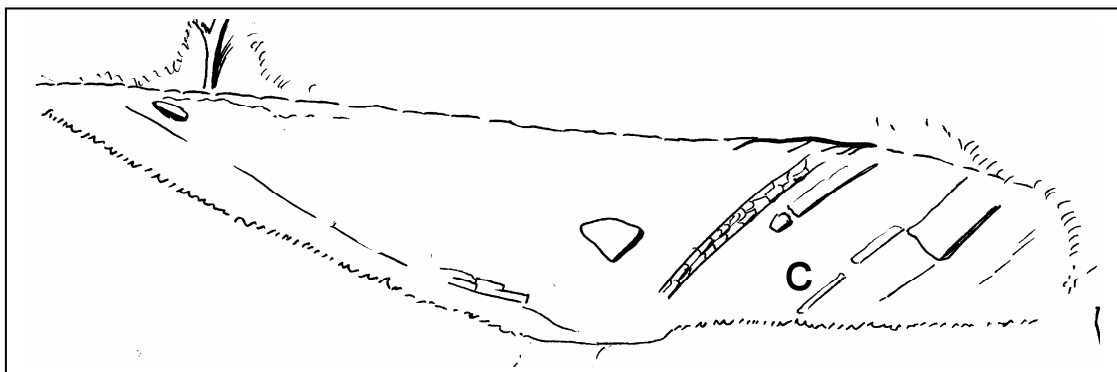
Make a list of the differences between the 1970 picture and the view today. Try to explain each difference you find.

DIFFERENCE	REASON FOR DIFFERENCE
1	
2	
3	
4	
5	

FIELD SKETCH OF SITE 3 Draw in the missing beds on the north of the fold.

NORTH

SOUTH



On the map on Worksheet 1, draw an arrow to show the dip at point "c"