

Joint patterns

Teacher's Section

Requirements

Enlarge the photo to A3 and make a copy for each student.

Protractors

Rulers

Joint Patterns

Draw a line along a joint and number it and then measure its angle from the vertical. Hold your protractor with the straight edge vertical and on the left hand side. All angles should be less than 180°.

Repeat with all the other joints.

Plot your results on a rose diagram.



Joints in vertical strata at Marloes Bay, Pembrokeshire, U.K.