



THE CORE OF THE SUN



GRADE: 4

TERM: 4

National Curriculum Standards	Our closest star: the Sun is a star the Sun is made of hot gas and gives out heat and light the Sun is very big (much bigger than the Earth) the Sun is very far away, but is the closest star to the Earth the Sun provides heat and light to the Earth for living things
Learning Objectives	<ul style="list-style-type: none">• interpreting pictures and models of the Sun• making drawings or models of the Sun• writing descriptions of the Sun
Key Vocabulary	Sun Core Convection Zone Photosphere Layers Radiation Zone Chromosphere
Materials	Paper Plate Pencil Colour Pencils Protractor
Brief Description	Draw and label the Sun
Activity	Use a paper plate for this activity. Draw a dot in the centre of the plate. Draw a circle 5cm away from the dot and label it the core. Draw a second circle 5cm from the first circle and label it radiation zone. The third circle is about 3cm away from the exterior of the radiation centre and

label it convective zone.

The fourth circle should be about 1cm from the convective zone and labelled photosphere.

The final circle should be 1/2cm from the photosphere and labelled the chromosphere.

The remaining area which is towards the edge of the plate is the corona and should be coloured in.

