



THE ROTATION OF THE EARTH AROUND THE SUN



GRADE: 4

TERM: 4

National Curriculum Standards	The Earth moves around the Sun in a pathway called the orbit	
Learning Objectives	Making drawings and writing about the Earth and its orbit around the Sun	
Key Vocabulary	Day Sun Axis	Night Earth 24 hours
Materials	Earth Ball Figurines	Torch/Lamp
Brief Description	The earth rotates on its own axis in 24 hours which causes day and night. This is how day and night occurs.	
Activity	An earth ball is used to demonstrate the movement of the earth around the sun to show day and night. The educator uses 2 learners Learner A holds the earth ball. Learner B holds the torch or lamp. Place a figurine on the earth ball. This is used to represent South	

Africa's location on the earth ball in the southern hemisphere e.g. Cape Town.
Learner B stands in the middle of the room with the torch or lamp reflecting on the figurine in the southern hemisphere and should not move.
Learner A stands in front of Learner B.
Learner A shines the torch or lamp on the figurine and does not move.
Learner B spins the earth ball to show how day and night occurs.