

## Student Desk GLOBE

### A Note to Parents and Adult Supervisors

With this globe, your child can discover our planet. The attractively designed map invites you to explore and get to know continents, seas, and oceans. Choose a stable position for the globe so it doesn't tip or fall over.

### Care Instructions

The globe requires no special care. All you need is a cloth to dust it, perhaps with a little warm water, but without abrasive cleaners. The plastic parts should keep their shine for many years. Polish the parts occasionally with a soft cloth. Never expose the globe to direct heat, for example, from radiators or the sun.

### Grid

Examine your globe and you will see lines in a grid pattern all over your globe. The horizontal lines on the globe are called **latitude** lines. There are also lines that link the North Pole with the South Pole. These are called **longitude** lines. They also determine the time zones around the globe, in most cases. With the small transparent disk on the North Pole, you can see that the time is not the same everywhere on Earth.

### The four directions

On Earth, the poles define the directions: **north** is the direction toward the north pole, and **south** is the opposite direction. The direction of Earth's rotation is called **east**, and the opposite direction is called **west**. There is no west or east pole! The globe's

north pole is at the top of the globe. This is the standard.

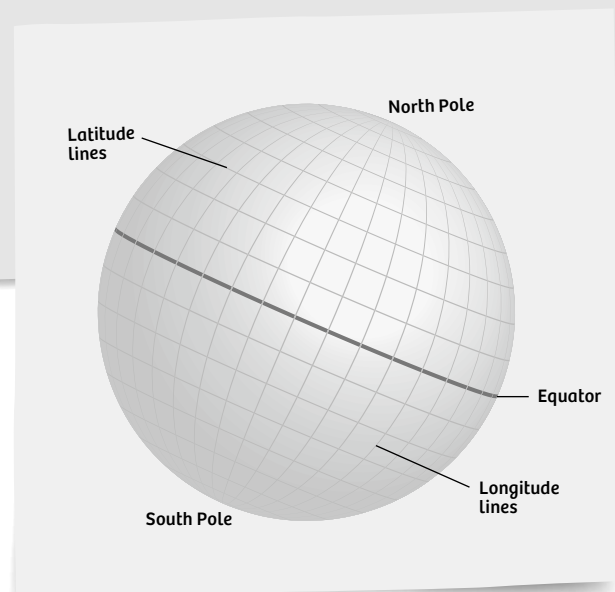
However, it is only a convention to position a globe with the north pole at the top, just as it has been agreed to draw maps so that the top edge is the north. In reality, there is no absolute "top" or



"bottom" to dictate this orientation. When you are standing on Earth's surface, by contrast, these terms take on different meaning: Bottom refers to the direction toward the Earth's core and top refers to the opposite direction, toward the sky.

### What is the history of the globe?

The first globe is believed to have existed in ancient times, about 150 years BCE. The supposed locations of the known regions of the planet were depicted on the globe. Many countries and seas had not yet been discovered by all of civilization at that time. Over the course of the centuries, newly discovered land masses were added and globes became more and more precise. In recent times, thanks to contemporary measurement technologies and satellite images, globes have become increasingly more precise.



Keep the packaging and instructions as they contain important information.

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