

## More on Science

# The Children in Action



There are many more opportunities to learn and explore the questions raised during the first Great Story in small groups. More science projects and materials encourage further exploration by the child. Some typical follow up work after the Story of Formation of the Universe includes reading, investigating through science experiments, and Going Out to find examples in nature or in museums.

In the Lower Elementary classroom, Physical Geography is a key area of exploration, as well as an initial exploration of Cultural and Economic Geography. In Upper Elementary deeper exploration occurs. Children explore more in depth into the influence of geographic features on the economies of various types of societies.

## Chemistry in the Montessori Elementary Years

After the introduction to Chemistry in the first Great Story, children explore the three states of matter in more depth, discover what the universe is made of, investigate basic atomic theory, and conduct experiments to understand more about elements and compounds, solutions and mixtures. Later, they learn Mendeleev's Table of the Elements, many get excited about building atomic models or about the history of the discovery of the Periodic Table. There is literally no end to the possible avenues of interest and exploration.

## The Solar System and Earth's Position in the Universe

As with all subject areas in the Montessori system, we start by orienting the child to the big picture. Having explored the universe, we focus on our galaxy, and our solar system and then our own planet. Children might build models of and answer questions about the solar system.