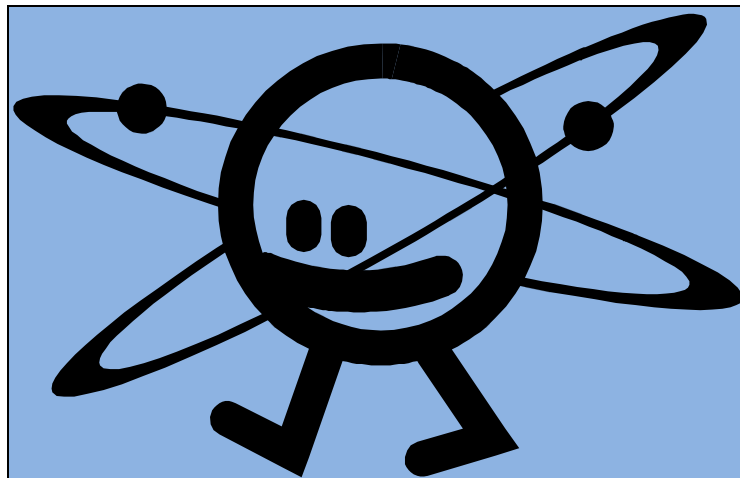


# It Matters

## Pre-Visit Activities

Pre-Kindergarten



# Activities

These activities are intended for use before your visit to the Virginia Air and Space Center. It is beneficial for the students to have some prior knowledge about the content area covered in the program. All of the activities can be tailored to your specific classroom needs, and the procedures listed are suggestions for teaching.

## Activity 1: What is the World Made of?

Read the story of What is the World Made of? to your class. This book will explain the differences among the states of matter: solids, liquids, and gases. Many of the ideas in the book are silly, such as drinking a glass of blocks, and using milk as socks. After reading the story, ask the children to come up with their own silly ideas about solids, liquids and gases.

## Activity 2: Sing a Song

Teach your students the words to this song:

### I'm a State of Matter

Sing to the tune of I'm a Little Teapot

Lyrics by Stacy Wilson

I'm a little solid,  
I keep my shape.  
I can be a block or a table or a grape.

I'm a little liquid  
I move around.  
Milk, juice or water is where I am found.

I'm a little gas  
That you can't see.  
Just pop a bubble and set me free!

## Activity 3: Evaporation Observation

On a sunny day, place an ice cube on a pavement in the full sun. Explain that the ice is a solid. Watch how the cube melts and explain that it is changing into liquid water. Once the cube melts, take some chalk and trace the outline of the water mark or puddle. Come back a couple of times during the day, and trace the outline again. Notice that the puddle or mark becomes smaller. Explain to the students that the puddle is getting smaller because it is evaporating, or turning into a gas, into the air. Review with the students that water can be seen in all three states of matter: solid, liquid and gas.

# Resources

## **Books**

**What is the World Made of?** Kathleen Weidner Zoehfeld **Let's Read and Find out Science, 1999**

**Change It: Solids, Liquids, Gases and You** Adrienne Mason **2006**

This document was created with Win2PDF available at <http://www.daneprairie.com>.  
The unregistered version of Win2PDF is for evaluation or non-commercial use only.