Materials can be described

2.PS1-1
Patterns
Planning and carrying out
Construct Explanations and

Describe and classify matter by its properties.	Describe and classify matter by solid, liquid, or gas.

2.PS1.A-1
Patterns
Planning and carrying out

to different purposes.

2.PS1.A-2
Cause and Effect
Analyze and Interpret Data

Measurement of properties can be used to identify materials.

5.PS1.A-3
Scale, Proportion, and Quantity
Planning and Carrying Out
Investigations

A great variety of objects can

2.PS1.A-3
Energy and Matter

Matter is made up of paticles too small to be seen.

5PS1.A-1
Scale and Proportion
Developing and Using Models

Matter can be changed physically and

5.PS1.A-2
Energy and Matter

Matter is not created or destroyed.

5.PS1.A-2
Scale, Proportion, and Quantity

ways, depending on their energy and stickiness.

2PS1.A-1
Energy and Matter

Changes from solid to liquid to gas require a change in energy of the particles.	Particles with more energy mover faster.	These are determined by the movemet of the particles.

2PS1.A.1
Planning and Carrying Out Investigations

Patterns	Cause and Effect	

In solids, the particles are bonded to each other.	In liquids, the particles "touch" but are mobile. Liquids take the shape of the container and have a set volume.	In gases, the particles are widely spaced. Gases take the shape and volume of the container.
Solids have a definite shape and volume.		

5PS1.A.1
MS.PS.1.A.4
Cause and Effect
Energy and Matter
Models