

down 1.

The change in a state of matter from a liquid to a solid.

down 3.

If you add heat to matter, the atoms that make up the matter will begin to move ____.

down 5.

In ____, atoms move the slowest.

down 7.

The gas state of water.

across 9.

The temperature at which a given substance will change from a liquid into a gas.

across 11.

A state of matter that has a definite shape and a definite volume.

across 13.

The basic building blocks of matter.

across 15.

If you subtract heat from matter, the atoms that make up the matter will begin to move ____.

across 17.

A solid always take up the same amount of this.

down 2.

The three forms of matter (liquid, solid, and gas).

down 4.

Gases ____ to fill whatever space is available to them.

down 6.

A state of matter that has no fixed shape and no fixed volume.

down 8.

The particles in liquids ____ past each other.

across 10.

Matter in a gas state will ____ out to fill its container

across 12.

The particles in a solid state move around ____ point.

across 14.

The number of states of matter.

across 16.

Water changes from a liquid state to a solid-state at ____ degrees Celsius.

across 18.

The particles in ____ move back and forth in place.

Answer Key

		w						s	o	l	i	d	s		
		a											t		
	l	t									s	p	a	c	e
	i	e											t		
	q	r		f				s	l	o	w	e	r		
	u			a		s							s		
	i	v		s	o	l	i	d							
	d	a	f	t		i					a	t	o	m	s
	s	p	r	e	a	d							f		
		o	e	r		e									
		r	e					e					m		
			z	e	r	o		x					a		
	b	o	i	l	i	n	g		p	o	i	n	t		
		o	n	e			a		a				t		
			g				s		n				e		
								d		t	h	r	e	e	