All About Archimedes
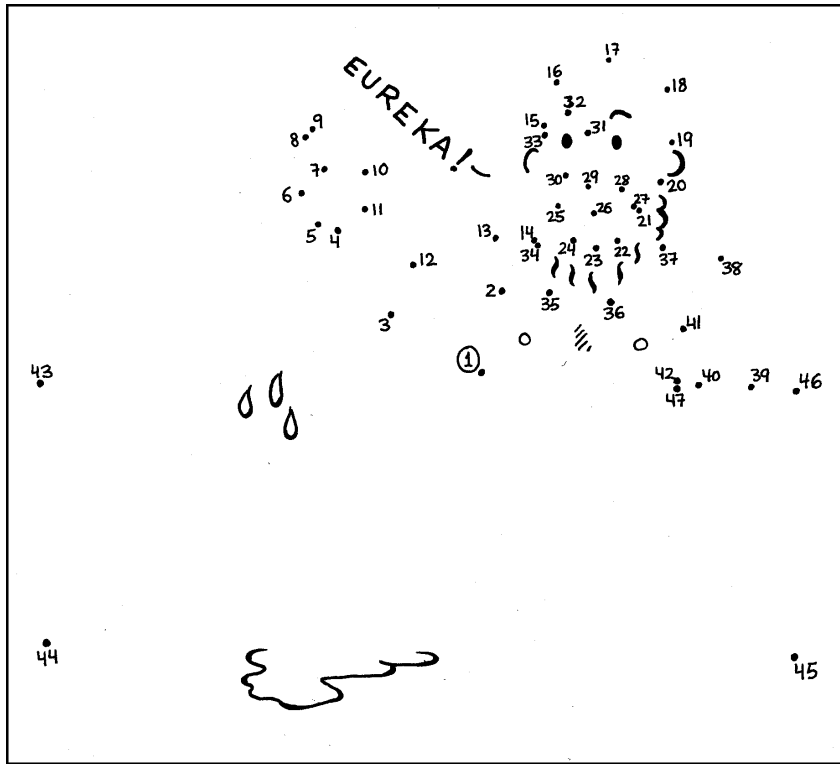
For ages 8 and older.

Connect the Dots

Connect the dots....Eureka! It's Archimedes sitting in the bath.

Learning More

Allen, Pamela.
Mr. Archimedes' Bath.
New York: Lothrop, Lee & Shepard
Books, 1980.
Introduces buoyancy by telling a story
about Archimedes taking a bath with
his friends. For children.

Willis, Shirley.
Tell Me How Ships Float.
New York, NY: Scholastic Library
Publishing, 2000.
Explores floating and sinking and
Archimedes' principle of buoyancy
with simple experiments. For children.

Archimedes of Syracuse
**www-gap.dcs.st-and.ac.uk/~history/
Mathematicians/Archimedes.html**
Provides a biography of Archimedes,
mostly told in the words of Plutarch,
a historian who lived in Greece in
about A.D. 100. Provides a hands-on
buoyancy activity. For all ages.

Word Search

Circle the following words in the word search below. Words may
be found forwards or backwards, or up or down.

math
lever
bath
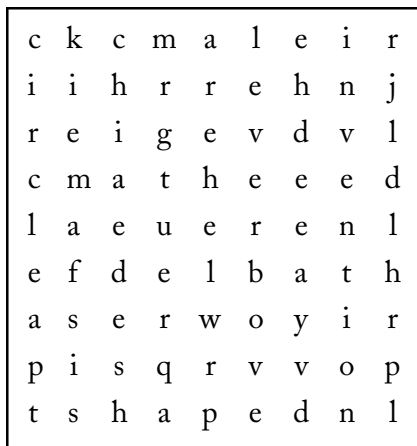circle
invention
shape

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

Simple Machines

Most early inventions were based on
simple machines—tools that make
work easier. Simple machines help us
lift things, pull things, split things,
fasten things, and cut things. There
are six basic simple machines: the
lever, the wedge, the pulley, the wheel
and axle, the inclined plane, and the
screw. Archimedes used combinations
of these machines to create such
devices as Archimedes' Claw, a cata-
pult, and Archimedes' Screw. If you
look around your home, school, and
town, you will discover many other
machines and devices that are versions
of the six simple machines.