

## Archimedes

Covenant Academy

Cypress, TX

(sung to “Yankee Doodle”)

Archimedes was a Greek circa 300 B.C.

He grew up in Syracuse on the is-land of Sic-i-ly

Phidias his father was an astronomer;

Like his dad, he loved to learn and study all the day.

When he was 8 he went to school, his slave kept him in line—

Studied geometry from Euclid’s books, wrote in the sand.

Archimedes later went to Alexandria,

Saw the Pharos Light House and began to study more.

Alexandria was built by Alexander the Great.

Ptolemy made a museum, lab, and library.

All the great minds came to think, study, and to argue.

Half a million books in all, and all the greatest teachers.

Archimedes saw his friends, water trying to get—

He made a screw that made the job easier, you bet!

Threads and axis and a crest equal a machine, whew!

This invention is also known as an Archimedean screw.

King Hiero’s crown was simply not as heavy as it should be.

He thought the jeweler cheated him and took the gold for money.

Archimedes wondered how he could prove the thievery;

In a tub he displaced his weight: “Eureka” shouted he!

*Continued on next page.*

Comments from **Covenant Academy**: This song was written to accompany a read-aloud science unit based on Archimedes and the Door of Science by J. Bendick.

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Archimedes knew the world certainly was not flat.  
For sailing ships did not suddenly drop out of sight. Splat!  
He knew the earth was just as round as its shadow in an eclipse.  
He knew that water matched the curve of the center of the earth.

Archimedes figured out the area of a circle.  
The number pi is also known as the Archimedean number.  
All that he did built upon all that he had learned.  
All we know is built upon the work of what he taught.

