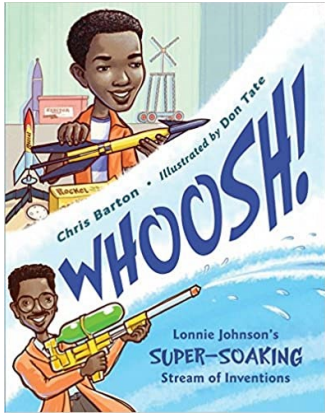


## Whoosh! Lonnie Johnson's Super-Soaking Stream of Inventions



Author: Chris Barton, illus. by Don Tate

**Book Summary:** "A love for rockets, robots, inventions, and a mind for creativity began early in Lonnie Johnson's life. Growing up in a house full of brothers and sisters, persistence and a passion for problem solving became the cornerstone for a career as an engineer and his work with NASA. But it is his invention of the Super Soaker water gun that has made his most memorable splash with kids and adults."

Ages: 6-10

Length: 32 pages

Grades: 2-5

ISBN: 978-1-580-89298-8

Lexile Rating:

Online Read-aloud: [Cultivating Progress \(8:23\)](#)

Washington State Financial Education Standards	Grades K-2	Grades 3-5
SS: Spending & Saving CD: Credit & Debt EI: Employment & Income I: Investing RM: Insurance and Risk Management FD: Financial Decision-Making	EI: Explore job and career options. RM: Identify common types of risks and basic risk management methods FD: Recognize the responsibilities associated with personal financial decisions	EI: Explore job and career options. RM: Identify common types of risks and basic risk management methods FD: Recognize the responsibility associated with personal financial decisions
Washington State K-12 SEL Standards and Benchmarks	Self	Social
	Self-Awareness: Benchmarks 1A-C Self-Management: Benchmarks 2B Self-Efficacy: Benchmarks 3A-C	Social Awareness: Benchmark 4A Social Engagement: 6A-C

### Lesson: [Whoosh! Discussion and Activity Guide](#)

**Summary:** Discussion guide and engineering activity idea.

**Grade:** 3-4

**Source:** [Chris Barton website](#)

**Permissions:** Free online access and download. No registration required.

**Additional Washington Learning Standards:**

- Grade 3 ELA: RI.3.1-3, 7, 8, 10
- Grade 4 ELA: RI.4.1-5, 8, 10
- NGSS: K-2ETS1-1 Engineering Design, 3-5-ETS1: Engineering Design

### Lesson: [Whoosh! Lesson Plan](#)

**Summary:** (15-20 minutes) Discussion guide and economic vocabulary word/definitions matching activity.

**Grade:** 3-5

**Source:** [VCEE Reading Makes Cents](#) program

**Permissions:** Free online access and download. No registration required.

**Additional Washington Learning Standards:**  
Not Listed

### Resource: [NASA Rocketry Lesson Plans](#)

Summary: A collection of rocketry lesson plans for all grade levels.

Grade: PK-5

Source: [NASA](#)

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### Resource: [Bio Cube Generator](#)

Summary: Online [planning sheet](#) for creating cubes displaying biographical information. Once students complete the planning sheet, the generator will create a printable net students can cut, fold, and glue to create a biography cube.

Grade: 3-5

Source: [National Council of Teachers of English](#)

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### Resource: [US Patent 4,591,071 \(Squirt Gun\)](#)

Summary: A copy of the US patent for Lonnie's Super Soaker, filed in 1986.

Grade:

Source: [Meet Lonnie Johnson, blog post for Lemelson Center for the Study of Invention and Innovation](#)

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