

“John Deere, That’s Who!”

Standards for lessons and activities

Activity	Wisconsin Common Career Technical Standards	Next Generation Science Standards	Agriculture, Food and Natural Resource Standards	Common Core English Language Arts
How did he do it?	4C1.a.1.e 4C1.a.3.e 4C1.b.3.e 4C2.a.2.e EHS1.b.1.e IMT3.a.3.e	3-5-ETS1-1 3-5-ETS1-2	ABS6.1.2.e ABS6.c.1.e PST1.g.1.e PST1.d.1.e PST1.l.1.e PST1.m.1.e	CCSS.ELA- LITERACY.RF.4.4 CCSS.ELA- LITERACY.RF5.4 CCSS.ELA- LITERACY.R1.5.2 CCSS.ELA- LITERACY.R1.5.4 CCSS.ELA- LITERACY.R1.5.7 CCSS.ELA- LITERACY.R1.5.8 CCSS.ELA- LITERACY.R1.5.10 CCSS.ELA- LITERACY.RI.4.1 CCSS.ELA- LITERACY.RI.4.2 CCSS.ELA- LITERACY.RI.4.4 CCSS.ELA- LITERACY.RI.4.9 CCSS.ELA- LITERACY.RI.4.10 CCSS.ELA- LITERACY.SL.5.1.A CCSS.ELA- LITERACY.SL.5.1.D CCSS.ELA- LITERACY.SL.5.2 CCSS.ELA- LITERACY.SL.5.4 CCSS.ELA- LITERACY.SL.4.1.A CCSS.ELA- LITERACY.SL.4.1.D CCSS.ELA- LITERACY.SL.4.2 CCSS.ELA- LITERACY.SL.4.4 CCSS.ELA- LITERACY.W.4.2 CCSS.ELA- LITERACY.W.4.2.A CCSS.ELA- LITERACY.W.4.2.B CCSS.ELA-

				LITERACY.W.4.2.D CCSS.ELA- LITERACY.W.4.7 CCSS.ELA- LITERACY.W.4.8 CCSS.ELA- LITERACY.W.4.9 CCSS.ELA- LITERACY.W.5.2 CCSS.ELA- LITERACY.W.5.2.B CCSS.ELA- LITERACY.W.5.2.D CCSS.ELA- LITERACY.W.5.7 CCSS.ELA- LITERACY.W.5.8 CCSS.ELA- LITERACY.W.5.9
Are you the next John Deere?	4C1.a.1.e 4C2.b.1.e IMT3.a.3.e	3-5-ETS1-1 3-5-ETS1-3	ABS6.a.1.e ABS6.a.2.e ABS6.c.1.e PST1.d.1.e PST1.g.1.e PST.m.1.e	CCSS.ELA- LITERACY.RF.4.4 CCSS.ELA- LITERACY.RF5.4 CCSS.ELA- LITERACY.R1.5.2 CCSS.ELA- LITERACY.R1.5.4 CCSS.ELA- LITERACY.R1.5.7 CCSS.ELA- LITERACY.R1.5.8 CCSS.ELA- LITERACY.R1.5.10 CCSS.ELA- LITERACY.RI.4.1 CCSS.ELA- LITERACY.RI.4.4 CCSS.ELA- LITERACY.RI.4.10 CCSS.ELA- LITERACY.SL.5.1.A CCSS.ELA- LITERACY.SL.5.1.D CCSS.ELA- LITERACY.SL.5.2 CCSS.ELA- LITERACY.SL.4.1.A CCSS.ELA- LITERACY.SL.4.1.D CCSS.ELA- LITERACY.SL.4.2 CCSS.ELA- LITERACY.W.4.2.A CCSS.ELA- LITERACY.W.4.2.B CCSS.ELA- LITERACY.W.4.2.D CCSS.ELA-

				LITERACY.W.4.7 CCSS.ELA- LITERACY.W.4.8 CCSS.ELA- LITERACY.W.4.9 CCSS.ELA- LITERACY.W.5.2 CCSS.ELA- LITERACY.W.5.2.B CCSS.ELA- LITERACY.W.5.2.D CCSS.ELA- LITERACY.W.5.7 CCSS.ELA- LITERACY.W.5.8 CCSS.ELA- LITERACY.W.5.9
Inventor's Challenges	4C1.a.1.e 4C1.b.3.e 4C2.b.1.e EHS1.b.e IMT3.a.3.e	3-5-ETS1-1 3-5-ETS1-2	ABS6.a.1.e ABS6.a.2.e PST1.d.1.e PST1.l.1.e PST1.g.1.e PST.m.1.e	CCSS.ELA- LITERACY.RF.4.4 CCSS.ELA- LITERACY.RF5.4 CCSS.ELA- LITERACY.R1.5.2 CCSS.ELA- LITERACY.R1.5.4 CCSS.ELA- LITERACY.R1.5.7 CCSS.ELA- LITERACY.R1.5.8 CCSS.ELA- LITERACY.R1.5.10 CCSS.ELA- LITERACY.RI.4.1 CCSS.ELA- LITERACY.RI.4.2 CCSS.ELA- LITERACY.RI.4.4 CCSS.ELA- LITERACY.RI.4.9 CCSS.ELA- LITERACY.RI.4.10 CCSS.ELA- LITERACY.SL.5.1.A CCSS.ELA- LITERACY.SL.5.1.D CCSS.ELA- LITERACY.SL.5.2 CCSS.ELA- LITERACY.SL.5.4 CCSS.ELA- LITERACY.SL.4.1.A CCSS.ELA- LITERACY.SL.4.1.D CCSS.ELA- LITERACY.SL.4.2 CCSS.ELA- LITERACY.SL.4.4 CCSS.ELA-

				LITERACY.W.4.2.A CCSS.ELA- LITERACY.W.4.2.B CCSS.ELA- LITERACY.W.4.2.D CCSS.ELA- LITERACY.W.4.7 CCSS.ELA- LITERACY.W.4.8 CCSS.ELA- LITERACY.W.4.9 CCSS.ELA- LITERACY.W.5.2 CCSS.ELA- LITERACY.W.5.2.B CCSS.ELA- LITERACY.W.5.2.D CCSS.ELA- LITERACY.W.5.7 CCSS.ELA- LITERACY.W.5.8 CCSS.ELA- LITERACY.W.5.9
Word Search	4C2.b.2.e	3-5-ETS1-2	PST1.d.1.e PST1.g.1.e	CCSS.ELA- LITERACY.RF.4.4 CCSS.ELA- LITERACY.RF.4.4.C CCSS.ELA- LITERACY.RF5.4B CCSS.ELA- LITERACY.R1.5.3 CCSS.ELA- LITERACY.R1.5.10 CCSS.ELA- LITERACY.RI.4.1 CCSS.ELA- LITERACY.RI.4.3 CCSS.ELA- LITERACY.RI.4.10 CCSS.ELA- LITERACY.SL.5.1.A CCSS.ELA- LITERACY.SL.4.1.A
Multiple Choice Questions	4C1.a.1.e	3-5-ETS1-2	ABS6.a.1.e ABS6.a.2.e PST1.d.1.e PST1.d.1.e PST1.l.1.3 PST1.m.e	CCSS.ELA- LITERACY.RF.4.4 CCSS.ELA- LITERACY.RF5.4 CCSS.ELA- LITERACY.R1.5.3 CCSS.ELA- LITERACY.R1.5.8 CCSS.ELA- LITERACY.R1.5.10 CCSS.ELA- LITERACY.RI.4.1 CCSS.ELA- LITERACY.RI.4.2

				CCSS.ELA-LITERACY.RI.4.3 CCSS.ELA-LITERACY.RI.4.10 CCSS.ELA-LITERACY.SL.5.1.A CCSS.ELA-LITERACY.SL.4.1.A CCSS.ELA-LITERACY.W.4.2.A CCSS.ELA-LITERACY.W.4.2.B CCSS.ELA-LITERACY.W.4.7 CCSS.ELA-LITERACY.W.4.8 CCSS.ELA-LITERACY.W.4.9 CCSS.ELA-LITERACY.W.5.2 CCSS.ELA-LITERACY.W.5.2.B CCSS.ELA-LITERACY.W.5.7 CCSS.ELA-LITERACY.W.5.8 CCSS.ELA-LITERACY.W.5.9
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Machines in Agriculture- Lesson from National Ag in the Classroom

Common Core Connections

Reading: Anchor Standards

- CCSS.ELA-LITERACY.CCRA.R.2
- CCSS.ELA-LITERACY.CCRA.R.4
- CCSS.ELA-LITERACY.CCRA.R.5

Speaking and Listening: Anchor Standards

- CCSS.ELA-LITERACY.CCRA.SL.1

Language: Anchor Standards

- CCSS.ELA-LITERACY.CCRA.L.4

Education Content Standards

Within HISTORY

World History Era 7 Standard 5A: Connections between major developments in science and technology and the growth of industrial economy and society.

Agricultural Literacy Outcomes

Culture, Society, Economy & Geography

- Explain how agricultural events and inventions affect how Americans live today (e.g., Eli Whitney - cotton gin; Cyrus McCormick - reaper; Virtanen - silo; Pasteur - pasteurization; John Deere - moldboard plow) (T5.3-5.c)

Science, Technology, Engineering & Math

- Describe how technology helps farmers/ranchers increase their outputs (crop and livestock yields) with fewer inputs (less water, fertilizer, and land) while using the same amount of space (T4.3-5.b)

Machines and People- Lesson from National Ag in the Classroom

Common Core Connections

Speaking and Listening: Anchor Standards

- CCSS.ELA-LITERACY.CCRA.SL.1
- CCSS.ELA-LITERACY.CCRA.SL.2

Education Content Standards

Within SCIENCE

3-5-ETS1: Engineering Design

- 3-5-ETS1-1
- 3-5-ETS1-2

Agricultural Literacy Outcomes

Science, Technology, Engineering & Math

- Compare simple tools to complex modern machines used in agricultural systems to improve efficiency and reduce labor (T4.3-5.a)

Six Kinds Do It All- Lesson from National Ag in the Classroom

Common Core Connections

Speaking and Listening: Anchor Standards

- CCSS.ELA-LITERACY.CCRA.SL.1

Writing: Anchor Standards

- CCSS.ELA-LITERACY.CCRA.W.1

Mathematics: Practice Standards

- CCSS.MATH.PRACTICE.MP2

Education Content Standards

Within HISTORY

World History Era 7 Standard 5A: Connections between major developments in science and technology and the growth of industrial economy and society.

- Objective 3

Agricultural Literacy Outcomes

Science, Technology, Engineering & Math

- Compare simple tools to complex modern machines used in agricultural systems to improve efficiency and reduce labor (T4.3-5.a)
- Describe how technology helps farmers/ranchers increase their outputs (crop and livestock yields) with fewer inputs (less water, fertilizer, and land) while using the same amount of space (T4.3-5.b)