

INDIANA ACADEMIC STANDARDS

Indiana State Museum K-Grade 12 Programs

Title	Grade	Standards
Engineering Explorations	K-2	English/Language Arts: K.RC.1, K.RC.7, K.W.5, K.CC.1, K.CC.2, K.CC.3, K.CC.5, 1.W.2, 1.W.5, 1.W.7, 1.CC.1, 1.CC.2, 1.CC.3, 1.CC.4, 1.CC.5, 1.CC.6, 1.CC.7, 2.W.1, 2.W.5, 2.W.7, 2.CC.1, 2.CC.2, 2.CC.3, 2.CC.4, 2.CC.5, 2.CC.6 Science: K.PS-2.1, KPS2-2, K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3, 2-PS1-2 Social Studies: K.E.2, K.E.3, K.4.2, 1.C.3, 1.E.1, 1.E.2, 1.E.3, Integrated STEM: K.CC.2, K.CC.3, K.DM.3, K.IPS.1, K.AM.1, 1.CC.2, 1.CC.3, 1.IPS.1, 1.IPS.3, 1.AM.1, 2.CC.2, 2.CC.3, 2.DM.3, 2.IPS.1, 2.AM.1 Career Connections: engineering, paleontology
Ice Age Survival	K-2	English/Language Arts: K.RC.7, K.W.3, K.W.4, K.CC.1, K.CC.2, K.CC.3, K.CC.5, 1.RC.2, 1.W.5, 1.W.7, 1.CC.1, 1.CC.2, 1.CC.3, 1.CC.4, 1.CC.5, 1.CC.6, 1.CC.7, 2.W.1, 2.W.1, 2.W.5, 2.W.7, 2.CC.1, 2.CC.2, 2.CC.3, 2.CC.4, 2.CC.5, 2.CC.6 Science: K-LS1-1, K/LS1-1, KESS3-1, 1-LS1-1, 2-LS4.1 Social Studies: K.H.3, K.G.1, Integrated STEM: K.AM.1, 1.AM.1, 2.IPS.1 Career Connections: biology, paleontology
Indiana Innovators	K-2	English/Language Arts: K.W.5, KCC.1, K.CC.2, K.CC.3, K.CC.5, 1.RC.4, 1.W.5, 1.W.7, 1.CC.1, 1.CC.2, 1.CC.3, 1.CC.4, 1.CC.5, 1.CC.6, 1.CC.7, 2.W.1, 2.W.1, 2.W.5, 2.W.7, 2.CC.1, 2.CC.2, 2.CC.3, 2.CC.4, 2.CC.5, 2.CC.6 Science: K-PS2-1, K-PS2-2, K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3, 2-PS1-2, Social Studies: K.H.4, K.1.2, K.4.2, 1.H.1, 1.C.3, 1.E.1, 1.E.2, 1.E.3, Social Studies: K.CC.2, K.CC.3, Integrated STEM: K.CC.2, K.CC.3, 1.CC.2, 1.CC.3, 1.IPS.1, 1.IPS.3, 1.AM.1, 2.CC.2, 2.CC.3, 2.DM.3, 2.IPS.1, 2.AM.1 Career Connections: engineering, technology
Engineering Design	3-5	English/Language Arts: 3.W.1, 3.W.5, 3.W.7, 3.CC.1, 3.CC.2, 3.CC.3, 3.CC.4, 3.CC.5, 3.CC.6, 3.CC.7, 4.W.6, 4.CC.1, 4.CC.2, 4.CC.3, 4.CC.4, 4.CC.5, 4.CC.6, 5.W.2, 5.W.4, 5.W.6, 5.CC.1, 5.CC.2, 5.CC.4, 5.CC.5 Science: 3-PS2-1, 3PS2-2, 3-5-ETS1-1, 3-5ETS1-2, 3-5ETS1-3, 4-PS3-1, 5-PS2-1, Social Studies, Integrated STEM: 3.CC.2, 3.CC.3, 3.IPS.1, 3.IPS.3, 4.CC.2, 4.CC.3, 4.CC.4, 4.DM.3, 4.IPS.1, 4.IPS.3, 5.CC.2, 5.CC.3, 5.CC.4, 5.DM.3, 5.IPS.1, 5.IPS.3, 5.AM.2 Career Connections: engineering
Fossil Dig Discovery	3-5	English/Language Arts: 3.W.7, 3.CC.1, 3.CC.2, 3.CC.3, 3.CC.4, 3.CC.5, 3.CC.6, 3.CC.7, 4.W.6, 4.CC.1, 4.CC.2, 4.CC.3, 4.CC.4, 4.CC.5, 4.CC.6, 5.W.2, 5.W.4, 5.W.6, 5.CC.1, 5.CC.2, 5.CC.4, 5.CC.5 Science: 3-LS4-1, 4-ESS1-1 Social Studies: 3.G.2, 3.G.3, 4.G.4, Career Connections: biology, geology, paleontology

Title	Grade	Standards
Fossil Formations	3-5	English/Language Arts: 3.W.1, 3.W.7, 3.CC.1, 3.CC.2, 3.CC.3, 3.CC.4, 3.CC.5, 3.CC.6, 3.CC.7, 4.W.6, 4.CC.1, 4.CC.2, 4.CC.3, 4.CC.4, 4.CC.5, 4.CC.6, 5.W.2, 5.W.4, 5.W.6, 5.CC.1, 5.CC.2, 5.CC.4, 5.CC.5 Science: 3-LS4-1, 3-LS4-3, 4-ESS1-1 Social Studies: 3.H.5, 3.G.6, 4.G.4 Integrated STEM: 5.AM.2 Career Connections: geology, paleontology
Pioneering Innovations	3-5	English/Language Arts: 3.W.1, 3.W.5, 3.W.7, 3.CC.1, 3.CC.2, 3.CC.3, 3.CC.4, 3.CC.5, 3.CC.6, 3.CC.7, 4.W.6, 5.W.2, 5.W.4, 5.W.6, 5.CC.1, 5.CC.2, 5.CC.4, 5.CC.5 Science: 3-PS2-1, 3PS2-2, 3-5-ETS1-1, 3-5ETS1-2, 3-5ETS1-3 Social Studies: 3.H.4, 3.G.8, 3.E.1, 3.E.4, 4.H.7, 4.H.14, 4.H.14, 4.G.6, 4.G.9, 4.E.1, 4.E.2, 5.H.18, 5.E.3, 5.E.4 Integrated STEM: 3.CC.2, 3.CC.3, 3.IPS.1, 3.IPS.3, 4.CC.2, 4.CC.3, 4.CC.4, 4.DM.3, 4.IPS.1, 4.IPS.3, 5.CC.2, 5.CC.3, 5.CC.4, 5.DM.3, 5.IPS.1, 5.IPS.3, 5.AM.2 Career Connections: engineering, agriculture
Rocks and Minerals	3-5	English/Language Arts: 3.W.7, 3.CC.1, 3.CC.2, 3.CC.3, 3.CC.4, 3.CC.5, 3.CC.6, 3.CC.7, 4.W.6, 4.CC.1, 4.CC.2, 4.CC.3, 4.CC.4, 4.CC.5, 4.CC.6, 5.W.2, 5.W.4, 5.W.6, 5.CC.1, 5.CC.2, 5.CC.4, 5.CC.5 Science: 4-ESS1-1 Social Studies: 3.H.5, 3.G.2, 3.G.3, 4.G.4 Integrated STEM: 5.AM.2 Career Connection: geology
Engineering Solutions	6-8	English/Language Arts: 6.W.1, 6.W.4, 6.W.6, 6.CC.1, 6.CC.2, 6.CC.3, 6.CC.6, 7W.1, 7.CC.1, 7.CC.2, 7.CC.3, 7.CC.6, 7.CC.6, 8.W.1, 8.CC.1, 8.CC.2, 8.CC.3, 8.CC.3, 8.CC.5, 8.CC.6 Science: MS-ETS1-1, MS-ETS1-2, MS-ETS1-3, MS-PS2-1 Integrated STEM: 6.CC.2, 6.CC.3, 6.CC.4, 6.DM.3, 6.IPS.1, 6.IPS.2, 6.IDL.2, 7.CC.2, 7.CC.3, 7.CC.4, 7.IPS.2, 7.IDL.3, 8.CC.2, 8.CC.3, 8.CC.4, 8.CC.5, 8.IPS.1, 8.IPS.3, 8.IDL.1 Career Connections: engineering, paleontology, physics

INDIANA ACADEMIC STANDARDS

Indiana State Museum Assembly Shows

Site	Title	Grade	Standards
IN-MUSEUM OR OUTREACH	Mind-Boggling Science Show	K-5	Science: K-2-ETS1-3, 2-PS1-1, 2-PS1-2, 3-PS2-2, 3-5-ETS1-2, 3-5-ETS1-3, 5-PS1-3, 5-PS1-4 Career Connection: scientist
IN-MUSEUM OR OUTREACH	The Liar's Bench	4-12	Social Studies: 4.1.6, 4.1.9, 4.4.1, 4.4.7, 5.2.8, 8.1.31; Indiana Studies: IS.1.9, IS.5.2, IS.5.5, IS.5.8, IS.5.12 Career Connections: archaeologist, history

INDIANA ACADEMIC STANDARDS

Indiana State Museum K-Grade 12 Special Events

Site	Title	Grade	Standards
INDIANA STATE MUSEUM	Tinkerfest	K-12	Science: K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3, 2-PS1-2, 3-5-ETS1-1, 3-5-ETS1-2, MS-ETS1-3, VA:CR1.1.K (a), VA:CR1.2.1 (a), VA:Cr1.2.2 (a), VA:Cr2.1.1 (a) Career Connections: art, computer technology, ecology, engineering, science
INDIANA STATE MUSEUM	Statehood Day	4	Social Studies: 4.H.7, 4.H.8, 4.C.4, 4.C.5, 4.E.5, Visual Arts: VA:CN10.1.4 (a) Career Connections: history, government
INDIANA STATE MUSEUM	Holiday Sounds	K-12	Music: P.7.2.3, P.7.5.4, Anchor Standard 7 and 8 Career Connections: music, performing arts, singer
INDIANA STATE MUSEUM	GEOfest	K-12	Science: 2-PS1-1, 3-LS4-1, 4-ESS1-1, MS-ESS1-4, MS-ESS3-1, MS-LS4-1 Career Connections: engineering, geology
INDIANA STATE MUSEUM	Native American Heritage Day	K-12	English/Language Arts: K.CC.1, K.CC.2, 1.CC.1, 1.CC.2, 1.CC.3, 2.CC.1, 2.CC.2, 2.CC.3, 2.CC.4, 3.CC.1, 3.CC.3, 3.CC.5, 4.CC.1, 4.CC.2, 5.CC.1, 5.CC.2, 6.CC.1, 6.CC.2, 7.CC.1, 7.CC.2, 7.CC.3, 8.CC.1, 8.CC.2, 9-10.CC.1, 9-10.CC.3, 11-12.CC.1 Social Studies: K.H.2, 1.H.4, 2.C.3, 3.H.6 Career Connections: history, cultural studies
INDIANA STATE MUSEUM	STEAM Days	K-6	Science: K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3, 2-PS1-2, 3-5-ETS1-1, 3-5-ETS1-2, MS-ETS1-3, VA:CR1.1.K (a), VA:CR1.2.1 (a), VA:Cr1.2.2 (a), VA:Cr2.1.1 (a) Career Connections: art, computer technology, engineering, science
INDIANA STATE MUSEUM	Pinewood Derby	K-12	Science: K-2-ETS1-3, 3-PS2-2, 3-5-ETS1-3, HS-PS2-1 Career Connections: engineering, mechanics, physics, wood working
INDIANA STATE MUSEUM	Eco-Science Challenge	K-12	Science: 3-5-ETS1-1, 3-5-ETS1-3, MS-ETS1-4 Career Connections: ecology, engineering, environmental science, science