

Common Core State Standards Listed by Workshop

Common Core State Standards

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Workshops for Teachers and Administrators:

“Improving Student Achievement Through Neuroscience”

Common Core Standards

CCSS.ELA-Literacy.SL.4.1 (and SL.K.1, SL.1.1, SL.2.1, SL.3.1, SL.5.1, SL.6.1, SL.7.1, SL.8.1, SL.9-10.1, and SL.11-12.1.) Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 4 (also grades K, 1, 2, 3, 5, 6, 7, 8, 9-10, 11-12) topics and texts*, building on others’ ideas and expressing their own clearly

CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.SL.9-10.1 (and SL.11-12.1) Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 (and 11-12), topics texts, and issues, building on others’ ideas and expressing their own clearly and persuasively

CCSS.ELA-Literacy.SL.9-10.2 (and SL.11-12.2) Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.



“Effective Teaching Strategies”

Common Core Standards

CCSS.ELA-Literacy.SL.4.1 (and SL.K.1, SL.1.1, SL.2.1, SL.3.1, SL.5.1, SL.6.1, SL.7.1, SL.8.1, SL.9-10.1, and SL.11-12.1.) Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 4 (also grades K,1,2,3,5,6,7,8,9-10, 11-12) topics and texts*, building on others’ ideas and expressing their own clearly

CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.SL.9-10.1 (and SL.11-12.1) Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 (and 11-12), topics texts, and issues, building on others’ ideas and expressing their own clearly and persuasively

CCSS.ELA-Literacy.SL.9-10.2 (and SL.11-12.2) Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.



“Neuroscience in the Classroom”

Common Core Standards

CCSS.ELA-Literacy.SL.4.1 (and SL.K.1, SL.1.1, SL.2.1, SL.3.1, SL.5.1, SL.6.1, SL.7.1, SL.8.1, SL.9-10.1, and SL.11-12.1.) Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 4 (also grades K,1,2,3,5,6,7,8,9-10, 11-12) topics and texts*, building on others’ ideas and expressing their own clearly

CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.SL.9-10.1 (and SL.11-12.1) Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 (and 11-12), topics texts, and issues, building on others’ ideas and expressing their own clearly and persuasively

CCSS.ELA-Literacy.SL.9-10.2 (and SL.11-12.2) Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.



“Cognitive Skills Improvement through the use of BrainWare SAFARI”

Common Core Standards

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.RST.9-10.3 Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.



Workshops for Students:

Neuroscience in the Classroom: “If I only had a Brain, Part I”

Common Core Standards

CCSS.ELA-Literacy.SL.K.1 (SL.1.1 and SL.2.1) Participate in collaborative conversations with diverse partners about *kindergarten topics and texts* with peers and adults in small and larger groups.

CCSS.ELA-Literacy.SL.K.1a (SL.1.1 and SL.2.1) Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion).

CCSS.ELA-Literacy.SL.K.1b (SL.1.1 and SL.2.1) Continue a conversation through multiple exchanges.

CCSS.ELA-Literacy.SL.K.2 (SL.1.1 and SL.2.1) Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood.

CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media



Neuroscience in the Classroom: “If I only had a Brain, Part II”

Common Core Standards

CCSS.ELA-Literacy.SL.1.1 (and SL.2.1) Participate in collaborative conversations with diverse partners about *kindergarten topics and texts* with peers and adults in small and larger groups.

CCSS.ELA-Literacy.SL.1.1 (and SL.2.1) Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion).

CCSS.ELA-Literacy.SL.1.1 (and SL.2.1) Continue a conversation through multiple exchanges.
CCSS.ELA-Literacy.SL.1.1 (and SL.2.1) Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood.
CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression
CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media
CCSS.ELA-Literacy.SL.3.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 3 topics and texts*, building on others' ideas and expressing their own clearly
CCSS.ELA-Literacy.SL.3.3 Ask and answer questions about information from a speaker, offering appropriate elaboration and detail



Neuroscience in the Classroom: “Got Brains?”

Common Core Standards

CCSS.ELA-Literacy.SL.4.1 (and SL.5.1) Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 4 topics and texts (also on grade 5 topics and texts)*, building on others' ideas and expressing their own clearly
CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression
CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media



Neuroscience in the Classroom: “What are the Effects of Technology on the Brain?”

Common Core Standards

CCSS.ELA-Literacy.SL.6.1 (also SL.7.1. and SL.8.1) Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6 (also 7 and 8) topics, texts, and issues, building on others' ideas and expressing their own clearly information

CCSS.ELA-Literacy.SL.8.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation

CCSS.ELA-Literacy.CCRA.R.7 Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.

CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.CCRA.W.6 Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others

CCSS.Math.Content.HSS-MD.B.5 (+) Weigh the possible outcomes of a decision by assigning probabilities to payoff values and finding expected values

CCSS.ELA-Literacy.RST.6-8.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks

CCSS.ELA-Literacy.RST.6-8.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)



Neuroscience in the Classroom: “The Adolescent Brain.”

Common Core Standards

CCSS.ELA-Literacy.SL.6.6 (and SL.7.6 and SL.8.6) Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.SL.6.1 (and SL.7.1 and SL.8.1) Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6 (also 7 and 8) topics, texts, and issues, building on others’ ideas and expressing their own clearly information

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.RST.6-8.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks

CCSS.ELA-Literacy.RST.6-8.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)



Neuroscience in the Classroom “Learning Styles for Kids”

Common Core Standards

CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.SL.6.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6 (as well as grades 4,5,7 and 8) topics, texts, and issues, building on others’ ideas and expressing their own clearly information

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.RST.6-8.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks

CCSS.ELA-Literacy.RST.6-8.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)



Neuroscience in the Classroom “Teaching Styles”

Common Core Standards

CCSS.ELA-Literacy.SL.6.1 (also SL.3.1., SL.4.1., SL.5.1., SL.7.1., SL.8.1.) Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6 (also grades 3,4,5,7,8) topics, texts, and issues, building on others’ ideas and expressing their own clearly information

CCSS.ELA-Literacy.L.6.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression

CCSS.ELA-Literacy.RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and various media

CCSS.ELA-Literacy.RST.6-8.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks

CCSS.ELA-Literacy.RST.6-8.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)



Neuroscience in the Classroom “r u ok?”

Common Core Standards

CCSS.ELA-Literacy.SL.9-10.2 (and 11-12) Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation

CCSS.ELA-Literacy.SL.9-10.1 (and SL.11-12.1) Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 (and 11-12), topics texts, and issues, building on others’ ideas and expressing their own clearly and persuasively

CCSS.ELA-Literacy.SL.9-10.2 (and SL.11-12.2) Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.

CCSS.ELA-Literacy.RH.9-10.7 (also RH.11-12.7) Integrate quantitative or technical analysis (e.g., charts, research data) with qualitative analysis in print or digital text

CCSS.ELA-Literacy.RST.6-8.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks

CCSS.ELA-Literacy.RST.6-8.7 (also RST.9-10.7 and RST 11-12.7) Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)

CCSS.Math.Content.HSS-MD.B.5 (+) Weigh the possible outcomes of a decision by assigning probabilities to payoff values and finding expected values

CCSS.ELA-Literacy.CCRA.W.6 Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others

