## Common Core State Standards Alignment Sheet

### Brain Food

All activities in this book align to the following standards.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Common Core State Standards</th>
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| **Grade 4 Math** | 4.OA.B Gain familiarity with factors and multiples.  
4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic.  
4.G.A Draw and identify lines and angles, and classify shapes by properties of their lines and angles. |
| **Grade 5 Math** | 5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.  
5.NF.B Apply and extend previous understandings of multiplication and division. |
| **Grade 6 Math** | 6.NS.B Compute fluently with multi-digit numbers and find common factors and multiples.  
6.NS.C Apply and extend previous understandings of numbers to the system of rational numbers.  
6.SPA Develop understanding of statistical variability. |
| **Grade 7 Math** | 7.NS.A Apply and extend previous understandings of operations with fractions.  
7.SPC Investigate chance processes and develop, use, and evaluate probability models. |
| **HS Math** | HSS-MD.A Calculate expected values and use them to solve problems.  
HSS-MD.B Use probability to evaluate outcomes of decisions. |
| **Grade 5 ELA-Literacy** | RF.5.4 Read with sufficient accuracy and fluency to support comprehension.  
L.5.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.  
L.5.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.  
L.5.5 Demonstrate understanding of figurative language, word relationships, and nuances in word meanings. |
| **Grade 6 ELA-Literacy** | L.6.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.  
L.6.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 6 reading and content, choosing flexibly from a range of strategies.  
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. |
| **Grade 7 ELA-Literacy** | L.7.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.  
L.7.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.  
L.7.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 7 reading and content, choosing flexibly from a range of strategies.  
L.7.6 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. |
| **Grade 8 ELA-Literacy** | L.8.4 Determine or clarify the meaning of unknown and multiple-meaning words or phrases based on grade 8 reading and content, choosing flexibly from a range of strategies.  
L.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. |