**Standards Document:** [http://www.nysed.gov/common/nysed/files/programs/curriculum-instruction/nys-next-generation-mathematics-p-12-standards.docx](https://mail.scs.skanschools.org/owa/redir.aspx?C=XUGPPgxJJkeWomh6gGrwG80AA3PaPNVI2C8JTxKlTA0pKQ1mtfABrqd1rtVXMCbSpE63xygD7Y0.&URL=http%3a%2f%2fwww.nysed.gov%2fcommon%2fnysed%2ffiles%2fprograms%2fcurriculum-instruction%2fnys-next-generation-mathematics-p-12-standards.docx)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **PK** | **K** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **A1** | **Geo** | **A2** | **(+)** |
| Number Reversals | 11 | 18 |  |  |  |  |  |  |  |  |  |  |  |  |
| Manipulatives |  | 21 | 26 | 36 |  |  |  |  |  |  |  |  |  |  |
| Note on Explore | 10111316 | 1723 |  |  |  |  |  |  |  |  | 121 | 136 | 140151 | 166 |
| Fluency with Facts |  | 21 | 28 | 37 | 48 |  |  |  |  |  |  |  |  |  |
| Fluency vs Memory |  |  |  | 37 | 48 |  |  |  |  |  |  |  |  |  |
| Fluency with Procedures |  |  |  | 40 | 49 | 59 | 70 | 80 | 93 | 100 | 110112117120 | 130132136 | 141143 |  |
| Illustrations (merged from CCSS appendix, from outside sources, or entirely new) | 13 | 2021 | 2628 | 363743 | 46475052 | 5660626365 | 7275 |  |  |  |  |  |  |  |
| Spacing/alignment | 11 | 1921 | 28 | 3738 | 5052 | 6064 | 71727576 | 84 | 95 | 101 | 115117 |  | 145 |  |
| Within-Grade Connection | 1115 | 19212223 | 27293031323334 | 414243 | 46515254 | 565762636465 | 697374 | 7880818384858688 | 91939496 | 98103104 | 112115122 |  | 143145147151153 | 163 |
| Connecting MPs | 1314 | 1821 | 272831 | 4042 | 4748 | 5659 | 6970717375 | 7882838587 | 909394 | 99100101103104 | 110111112113114118119121 | 127129130132134 | 141143147149150 |  |
| Note on left (footnote from CCSS) | 1215 | 192023 | 2734 | 40 | 47495051 | 58 - 5960 - 6163 | 73 | 78 | 91 | 101 |  |  |  |  |
| Note on left (shared standard) |  |  |  |  |  |  |  |  |  |  | 109 - 124 |  | 140 - 156 |  |
| Coherence Links |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| e.g. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Note on right (citation) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |