**Egg Cartons**

Use a perm. marker or pen to write in the bottom of each egg cup. Place counters, cubes, or dice in the carton.

**Counting Numbers:** practice all operations, generate numbers for an activity (divisors, exponents, multipliers, etc., synonyms, character traits, natural resources)

**Integers:** add, subtract, multiply, and divide, compare, ordered pairs

**Rational Numbers:** (vary) compare, order, +, −, x, ÷

**Large Numbers:** create data sets for M, M, M etc., compare, value of variables, +, −, x, ÷

**Vocabulary:** characters, traits, states, countries, math terms science terms

**Mixed Vocabulary:** justify/sentences, examples, non-examples, image/model, real-world application, essential elements

Other Examples...

**Sheet Music**

Use copies (legal!) of sheet music from the band, chorus, or orchestra program at your school.

Choose music that is in 4/4 time - four beats to a measure, quarter note gets one beat.

Label each note with its fractional amount. Write addition sentences for each measure.

\[
\begin{align*}
\frac{1}{2} + \frac{1}{2} &= 1 \\
\frac{1}{4} + \frac{1}{4} + \frac{1}{2} &= 1
\end{align*}
\]

**Order Forms**

Use leftover order forms from fundraisers. NCR forms offer an opportunity for take home and group work

**Two Way Tables** - frequencies, relative frequencies, subtotals, totals, CCSS.MATH.CONTENT.8.SP.A.4,

Reinforce horizontal **rows** and vertical **columns**, tally charts, addition,
**Paint Sample Cards**

Use a full card or alter a too-large card for your needs. Each colored section will be designated for one step, or one response.

**Synonyms & Antonyms**: target word on top, responses below

**Character Traits**: pick a character and describe

**Vocabulary**: List pertinent vocab for a topic in any content area

**Step by Step**: multiplication, mean absolute deviation

**Graphs**: turn sideways and model bar graphs, histograms, line plots, dot plots

Other applications...

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**Cardboard Food Boxes**

Text on food packages, and the nutrition labels on boxes from your pantry can be used to generate a number of scenarios

**Fact/Opinion**: identify parts of the text that are fact and differentiate from words or phrases that are opinions

**Parts of Speech**: identify nouns, adjectives, verbs on food packages

**Second Person**: examine and practice writing in second person (directions)

**Calculations**: total calories for varied serving sizes, percent of fat, daily calories, percent of total daily calories

**Volume & Surface Area**: calculate the volume of packages, create a net for the box

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**Coupon Books**

Use free coupon books and advertisements.

**Percent**: find percent with ratios, proportions

**Better Deal**: compare using ratios

**Total Cost**: cost with and without taxes

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**Invitations and Cards**

Use left-over cards or invitations.

**Real-life Problems**: Write about party times, supplies, money spent, distances traveled, etc.

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