

Alignment of EMPower™ Series to CCR Standards

The chart below summarizes the alignment between TERC's EMPower™ series, the College and Career Readiness (CCR) Content Standards, and the CCR Standards for Mathematical Practice.

In the "Standards for Mathematical Practice" column, notice some links in **bold blue text** (for example "**MP.2**"). Clicking on these links will download a sample activity from the EMPower™ series that exemplifies the Mathematical Practice (MP) indicated.

Click to download the [complete CCR Standards for Mathematics](#) (content standards and standards for mathematical practice).

The Mathematics section begins on page 44.

- To learn more about how these samples were chosen, [please click here](#).
- To download a PDF of the chart below (with commentary on the sample activities chosen), [please click here](#).

EMPower Book Title	College and Career Readiness Content Standards		Standards for Mathematical Practice
	Standards introduced	Standards addressed	
<p>EMPower Plus Everyday Number Sense:</p> <p>Mental Math and Visual Models*</p>	<p>1.NBT.2 2.NBT.1 2.NBT.4 4.OA.3</p> <p>1.G.2 5.NBT.5 3.MD.6 3.MD.7.c</p> <p>3.MD.6 6.NS.6a 6.NS.7b 7.NS.1a</p>	<p>1.NBT.4 1.NBT.5 1.NBT.6 2.NBT.3</p> <p>2.NBT.6 2.NBT.7 2.NBT.8 2.NBT.9</p> <p>3.NBT.1 3.NBT.2 3.NBT.3 4.NBT.1</p> <p>4.NBT.2 4.NBT.3 4.NBT.5 5.NBT.2</p> <p>5.NBT.3a 5.NBT.4 5.NBT.6 1.OA.3</p> <p>1.OA.4 1.OA.6 1.OA.7 1.OA.8</p> <p>2.OA.1 3.OA.3 3.OA.4 3.OA.5</p> <p>3.OA.6 3.OA.7 3.OA.9 5.OA.1</p> <p>6.EE.1 6.EE.2c 2.MD.6 3.MD.7a</p>	<p>MP.2 MP.5</p> <p>MP.6 MP.7</p>
<p>EMPower Plus Using Benchmarks:</p> <p>Fractions and Operations*</p>	<p>4.NF.6 6.NS.1 2.MD.4 3.MD.7.c</p>	<p>3.NF.1 3.NF.2 3.NF.2a 3.NF.2b</p> <p>3.NF.3 3.NF.3a 3.NF.3b 3.NF.3c</p> <p>3.NF.3d 2.G.3 3.G.2 3.MD.7c</p> <p>4.NF.1 4.NF.2 4.NF.3a 4.NF.3b</p> <p>4.NF.3c 4.NF.3d 4.NF.4 4.NF.4a</p> <p>4.NF.4b 4.NF.4c 5.NF.1 5.NF.2</p> <p>5.NF.3 5.NF.4 5.NF.5 5.NF.6</p> <p>5.NF.7 5.NF.7a 5.NF.7b 5.NF.7c</p>	<p>MP.3 MP.4</p> <p>MP.5 MP.6</p>
<p>EMPower Plus Split It Up:</p> <p>More Fractions, Decimals and Percents*</p>	<p>3.MD.7.c</p>	<p>4.NBT.1 5.NBT.1 5.NBT.2 5.NBT.3</p> <p>5.NBT.3a 5.NBT.3b 5.NBT.4</p> <p>5.NBT.7 4.NF.6 4.MD.2</p>	<p>MP.2 MP.3 MP.6</p> <p>MP.7 MP.8</p>
<p>Over, Around, and Within</p>	<p>3.G.1 4.G.1 5.G.3 6.G.1 6.G.4</p> <p>2.MD.4 3.MD.4 4.MD.2 4.MD.3 4.MD.5</p> <p>4.MD.7 5.MD.3 5.MD.4 7.G.1 7.G.6</p>	<p>K.G.4 1.G.2 1.MD.2 2.G.1</p> <p>2.MD.2 3.MD.5 3.MD.6 3.MD.7</p> <p>3.MD.8 4.MD.6</p>	<p>MP.2 MP.4</p> <p>MP.5 MP.6</p>
<p>Many Points Make a Point</p>	<p>2.MD.6 6.SP.4 6.SP.5 7.SP.1</p> <p>5.G.1</p>	<p>1.MD.4 2.MD.10 3.MD.3 6.SP.2 6.SP.3</p>	<p>MP.1</p>
<p>Keeping Things in Proportion</p>	<p>4.OA.2 5.NF.3 6.RP.3 7.RP.2</p>	<p>4.NF.1 6.RP.1 6.RP.2</p>	<p>MP.4 MP.6</p> <p>MP.7</p>

Seeking Patterns, Building Rules	5.G.1 6.RP.3 6.EE.3 6.EE.4 6.EE.5 6.EE.6 6.EE.7 6.EE.9 7.RP.2 8.EE.5 8.EE.7 8.EE.8 8.SP.1 8.F.1 8.F.3 8.F. 4 8.F.5	3.OA.9 4.OA.5 5.OA.1 5.OA.2 6. EE.2	MP.2 MP.4 MP.7
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* denotes a new title for 2016. Note that the original EMPOWER book *Operation Sense: Even More Fractions, Decimals, and Percents* has now been incorporated into the new titles.