

Grade 5	Making Sense of Problem Solving: Targeting NCTM Curriculum Focal Points
UT 2007 Mathematics Core Curriculum for Grade 3	Specific Location(s) in Making Sense of Problem Solving for Level/Grade 3 WU = Warm Up; PST = Problem Solving Task; Ext. = Extension
Std. 1, Obj. 1	Number Sense: integers = whole numbers, fractions, decimals
a.	
b.	
c.	
d.	
e.	
Std. 1, Obj. 2	Number Sense: relationships and equivalencies
a.	
b.	
c.	
d.	
e.	Unit F.6 Party Hearty - WU
f.	
Std. 1, Obj. 3	Use number their concepts
a.	
b.	
c.	
d.	
Std. 1, Obj. 4	Number Sense: model and illustrate meanings of \times and $/$
a.	Unit F.1 Baseball - WU 2 Unit F.3 Who's Here? - PST
b.	
c.	
Std. 1, Obj. 5	Number Sense: solve problems with 1 or 2 operations
a.	Section I, Chapter B, Lesson 3 Unit F.1 Baseball - WU 1, PST Unit F.3 Who's Here? - WU 2, Ext.
b.	Section I, Chapter B, Lessons 1 & 2 Unit F.1 Baseball - Ext.
c.	Unit F.5 School Clothes - PST, Ext.

c.	Section I, Chapter B, Lesson 4 Unit F.5 School Clothes - WU 1 & 2, PST, Ext. Unit F.15 For Profit or Not? - WU 2, PST	
d.	Section I, Chapter B, Lessons 1 & 3 Unit F.4 Pizza, Pizza - WU, PST, Ext. 1 & 2 Unit F.6 Party Hearty - Ext. 1	
e.	Unit F.6 Party Hearty - WU, PST, Ext. 2 Unit F.7 Boxing In and Out - Ext. 2	
Std. 2, Obj.1	Patterns:Predict and extend	
a.		
b.	Section I, Chapter A, Lesson 1 & 2 F.11 Jog-a-Thon - WU	Unit
Std. 2, Obj.2	Patterns: Use algebraic expressions	
a.	Section I, Chapter B, Lesson 2	
b.	Section I, Chapter A, Lesson 2 F.11 Jog-a-Thon - Ext. 1, Ext. 2	Unit
Std. 3, Obj. 1	Spatial reasoning: Relat bet 2- and 3-D shapes	
a.		
b.		
c.		
d.		
e.	Unit F.9 Constructing Pyramids - WU 1	
Std. 3, Obj. 2	Spatial reasoning: locations in a coordinate plane	
a.		
b.		
c.		
Std. 4, Obj. 1	area and surface are and volume: Area of polygons	
a.	Unit E.9 Can You Figure This? - PST	
b.	Unit F.9 Constructing Pyramids - WU 2, PST Unit E.9 Can You Figure This? - Ext. Unit E.10 Playground - PST, Ext. 1	
c.		
Std. 4, Obj. 2	SA and volume	
a.	Unit F.7 Boxing In and Out - WU Unit F.8 How Much Is This? - WU, PST, Ext. 1 & 2	
b.	Unit F.7 Boxing In and Out - WU Unit F.8 How Much Is This? - WU, PST, Ext. 1 & 2	

a.	
b.	
c.	