

Appendix E — Version 6: Manipulative List

Manipulative	ELA	Math	Science
Level I			
1 writing implement familiar to student	•		
2* blank pieces of lined paper	•		
2 familiar, age-appropriate books	•		
5 yellow one-inch blocks	•	•	
1 cube		•	
1 ball		•	
4 markers (same color/size)		•	
2 green color counters		•	
2 yellow color counters		•	
1 green piece of construction paper		•	
1 yellow piece of construction paper		•	
3 red one-inch blocks		•	•
1 book			•
1 small plastic cup			•
1 large plastic cup			•
3 clear, resealable sandwich-size plastic bags			•
1 citrus fruit			•
7* cotton balls			•
1 cup of water			•
3 clear plastic cups			•
Level II			
1 crayon	•		
1 clear plastic cup	•		
1 spoon	•		
1 small box	•		
1 small ball	•		
1 bowl	•		
1 toy car	•		
1* blank piece of lined paper	•		
1 favorite, age-appropriate book	•		
10 yellow one-inch blocks	•	•	

*Asterisk denotes a manipulative to be treated as a single-use item. These manipulatives should only be used on the task they are associated with and should be discarded after the task has been completed by the student.

Manipulative	ELA	Math	Science
1 pencil		•	
1 twelve-inch ruler		•	
1 scale familiar to student		•	
1 twelve-inch piece of string		•	
1 full bottle of glue		•	
1 empty wallet/change purse		•	
2 pennies		•	
2 quarters		•	
2 one-dollar bills		•	
9 plastic spoons		•	
1 daily newspaper		•	
Level III			
1 favorite, age-appropriate book	•		
1* blank piece of lined paper		•	
1 cube (at least 2 × 2 × 2 inches large)		•	
5 yellow one-inch blocks		•	
5 red one-inch blocks		•	
5 blue one-inch blocks		•	
1 calculator		•	
1 pencil		•	•
1 dark rock			•
1 smooth rock			
1 rough rock			•
1 shiny rock			•
1 light-colored rock			•
2 bowls			•
2* cups of flour			•
1 plastic cup			•
1* ½-cup of water			•
1 measuring cup			•
3 identical clear plastic cups filled ¾ with water			•
1 metal spoon			•
1 wooden spoon			•

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Manipulative	ELA	Math	Science
1 plastic spoon			•
1 plastic straw			•
1 steel nail			•
1 wooden stick			•
1 plastic bottle			•
1 piece of aluminum foil			•
1 index card			•
1 measuring spoon			•
1 tablespoon of sugar			•
1 paper towel			•
1 twelve-inch ruler			•
Level IV			
1 crayon	•		•
1 calculator		•	
5* blank pieces of lined paper		•	
1 pencil		•	
1 two-cup clear plastic measuring cup		•	
1 one-cup measuring cup		•	
1 ¼-cup measuring cup		•	
1 twelve-inch ruler		•	
1 thermometer		•	
1 tablespoon		•	
1 scale familiar to student		•	
10 color counters		•	
1 one-inch block			•
3 identical plastic bottles with caps			•
3 cups of sand			•
3 cups of flour			•
3 cups of cotton			•
1 road map			•
1 periodic table			•
1 newspaper			•
1 feather			•

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Manipulative	ELA	Math	Science
1 coin			•
1 plastic straw			•
1 toothpick			•
1 rock			•
1 metal nail			•
1 cork			•
1 2-section sorting structure			•
Level V			
6* blank pieces of lined paper	•	•	•
1 pencil	•	•	
1 bottle of blue food coloring		•	
1 half-gallon of water		•	
1 pitcher		•	
1 two-cup clear measuring cup		•	
10 one-dollar bills		•	
4 quarters		•	
1 five-dollar bill		•	
1 calculator		•	•
1 yellow marker			•
1 orange marker			•
1 thermometer			•
1 twelve-inch ruler			•
1 balance			•
1 magnifying glass			•
1 measuring cup			•
1 rock			•

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