

Appendix E — Version 2: Manipulative List

Manipulative	ELA	Math	Science
Level I			
1 writing implement familiar to student	•		
1* blank piece of lined paper	•		
1 favorite, age-appropriate book	•		
5 yellow one-inch blocks	•	•	
1 cube		•	
1 ball		•	
4 markers (same color/size)		•	
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			•
3 clear plastic cups			•
1 cup of water			•
Level II			
1 crayon	•		
1 clear plastic cup	•		
1 small box	•		
1 small ball	•		
1 bowl	•		
1 toy car	•		
1* blank piece of lined paper	•		
1 favorite, age-appropriate book	•		
9 plastic spoons	•	•	
10 yellow one-inch blocks	•	•	
1 pencil		•	
1 twelve-inch ruler		•	
1 scale familiar to student		•	
1 twelve-inch piece of string		•	

*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 full bottle of glue		•	
1 empty wallet/change purse		•	
2 pennies		•	
2 quarters		•	
2 one-dollar bills		•	
1 daily newspaper		•	
Level III			
1 favorite, age-appropriate book	•		
1 pencil		•	•
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 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			•
1 plastic spoon			•
1 plastic straw			•
1 steel nail			•
1 wooden stick			•
1 plastic bottle			•

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Manipulative	ELA	Math	Science
1 piece of aluminum foil			•
1 index card			•
1 measuring spoon			•
1 tablespoon of sugar			•
1 paper towel			•
1 twelve-inch ruler			•
Level IV			
3* blank pieces of lined paper	•	•	
1 pencil	•	•	
1 calculator		•	
1 one-cup measuring cup		•	
1 ¼-cup measuring cup		•	
1 twelve-inch ruler		•	
1 thermometer		•	
1 tablespoon		•	
1 two-cup measuring cup		•	
1 teaspoon		•	
1 scale familiar to student		•	
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			•
1 coin			•
1 plastic straw			•
1 toothpick			•
1 rock			•
1 metal nail			•
1 cork			•

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Manipulative	ELA	Math	Science
1 2-section sorting structure			•
1 crayon			•
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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