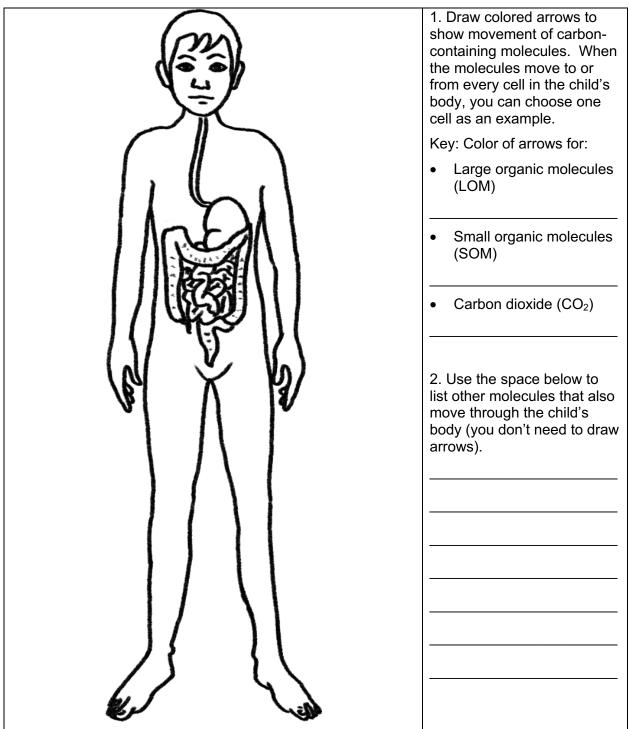
Name	Teacher	Date

Matter Tracing Tool: Matter Movement Inside a Growing Child

Use the drawing below to show how matter moves into through, and out of a child who is eating, growing, moving, and breathing.





Matter and Energy Changes in a Growing Child

Explain three processes that change matter and energy as a child eats, moves, grows, and breathes by answering the Three Questions for each process.

Digestion	Biosynthesis for growth	
Matter Movement in: Where molecules are	nent in: Where molecules are Matter Movement in: Where molecules are	
coming from:	coming from:	
Matter Change:	Matter Change:	
Reactants:	Reactants:	
Products:	Products:	
Energy Change:	Energy Change:	
From	From	
То	То	
Matter Movement Out: Where molecules are going to:	Matter Movement Out: Where molecules are going to:	
Food Digestion Energy: Cellular respiration In the cells		
Cellular Respiration for energy	Energy Change:	
Matter Movement in: Where molecules are	From	
coming from:	То	
Matter Change:		
Reactants:	Matter Movement Out: Where molecules	
Products:	are going to:	