

Connecting Cubes



Students work with connecting cubes.

GRADE K

Explore

Build to Match

Get and Build



Connecting Cubes

	Materials	Differentiation
Explore (GRADE K)	<ul style="list-style-type: none">• Directions, Work Mat (Centers Resources)• connecting cubes (Manipulative Kit)	<p>Support</p> <ul style="list-style-type: none">• Model for students how to connect the cubes.• Collect and share out ideas for using the cubes mathematically (e.g., organizing, sorting, making patterns, counting, comparing quantities, building objects). <p>Stretch</p> <p>Encourage students to build an object or make a pattern with connecting cubes and then trade with a partner to replicate the object or pattern.</p>
Build to Match (GRADE K)	<ul style="list-style-type: none">• Directions, Connecting Cube Cards, Work Mat (Centers Resources)• connecting cubes (Manipulative Kit)	<p>Support</p> <ul style="list-style-type: none">• Model for students how to connect the cubes.• Have students work with only one color of connecting cubes at a time. <p>Stretch</p> <p>Encourage students to build their own object with connecting cubes and then trade with a partner to replicate the object.</p>
Get and Build (GRADE K)	<ul style="list-style-type: none">• Directions, Mats A–J (Centers Resources)• connecting cubes (Manipulative Kit)	<p>Support</p> <p>As students count out a group, encourage them to match each connecting cube one-to-one with the group on the card.</p> <p>Stretch</p> <p>After students build an object, have them work with a partner to replicate each other's objects.</p>