



Insects

◀ SCAN FOR VIDEO

	BEGINNER		25 MINUTES
	3 RED & 5 PURPLE STRANDS		
	W: 6 CM × H: 6 CM × D: 2 CM		

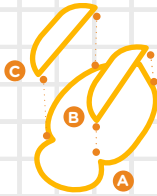


Ladybugs are also known as lady beetles and there are over 5,000 variants of this species in the world. Their distinctive spots and interesting colors are intended to make them unappealing to predators. If a ladybug is threatened it might even play dead or release a foul tasting substance to protect itself. Grab your 3Doodler pen and the colors you want to use, then create a 3D ladybug.

FOLLOW ALONG

FLIP CARD OVER FOR STENCIL ▶

1



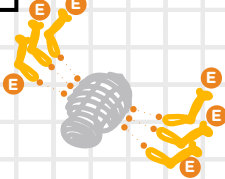
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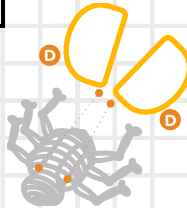
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4

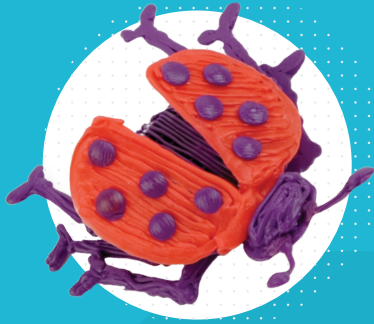


5



6

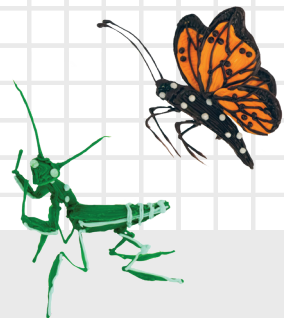
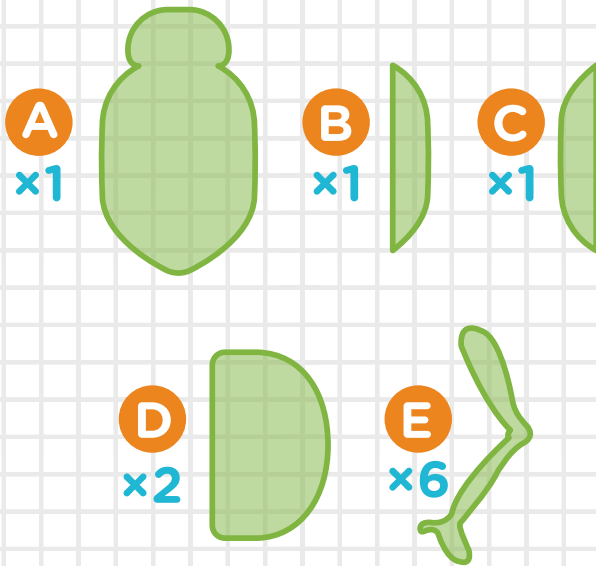




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◀ SCAN FOR VIDEO

	BEGINNER		25 MINUTES
	3 RED & 5 PURPLE STRANDS		
	W: 6 CM × H: 6 CM × D: 2 CM		



GO BEYOND! Check off your progress.

<input type="checkbox"/>	Now create more ladybugs or design your own!
<input type="checkbox"/>	Research ladybug species and pick one unknown to you, then create it in 3D.
<input type="checkbox"/>	Share your Doodles with us! Upload them in the 3Doodler app.



Sea Turtles

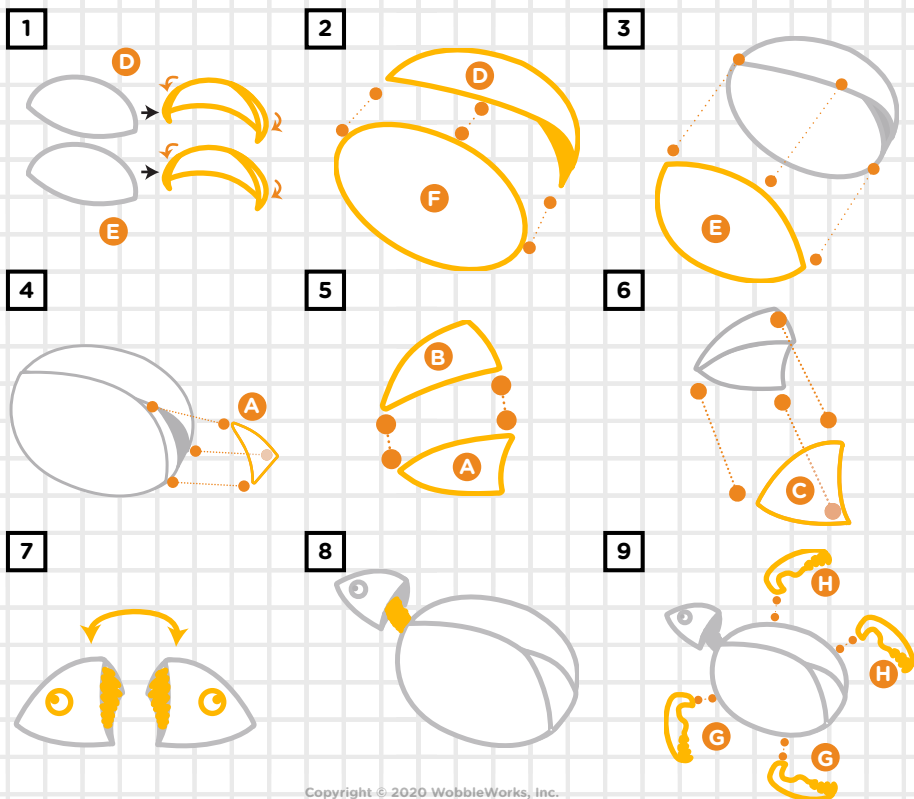
◀ SCAN FOR VIDEO

	BEGINNER		25 MINUTES
	7 GREEN, 1 ORANGE, 1 BLACK, AND 1 WHITE STRAND		
	W: 6.5 CM × H: 5 CM × D: 3 CM		

Sea turtles grow between 2 to 7 feet long and weigh between 70 and 1500 pounds. They come ashore to beaches and lay their eggs by digging a hole, then covering it up and returning to the ocean. After about 60 days their hatchlings are born. Grab your 3Doodler pen and the colors you want to use, then create a 3D sea turtle.

FOLLOW ALONG





FLIP CARD OVER FOR STENCIL ▶

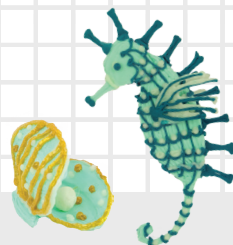
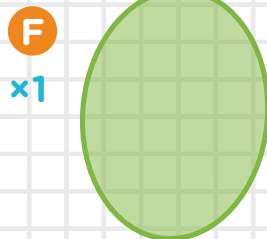
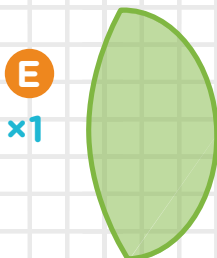
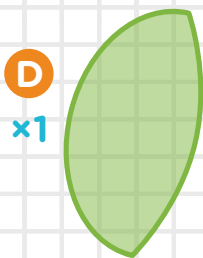
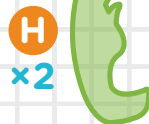




Sea Turtles

◀ SCAN FOR VIDEO

	BEGINNER		25 MINUTES
	7 GREEN, 1 ORANGE, 1 BLACK, AND 1 WHITE STRAND		
	W: 6.5 CM x H: 5 CM x D: 3 CM		



GO BEYOND! Check off your progress.

<input type="checkbox"/>	Now create more interesting sea creatures!
<input type="checkbox"/>	Will they live only in water or both land and water? Will they have fins or a shell?
<input type="checkbox"/>	Share your Doodles with us! Upload them in the 3Doodler app.



Flamingo

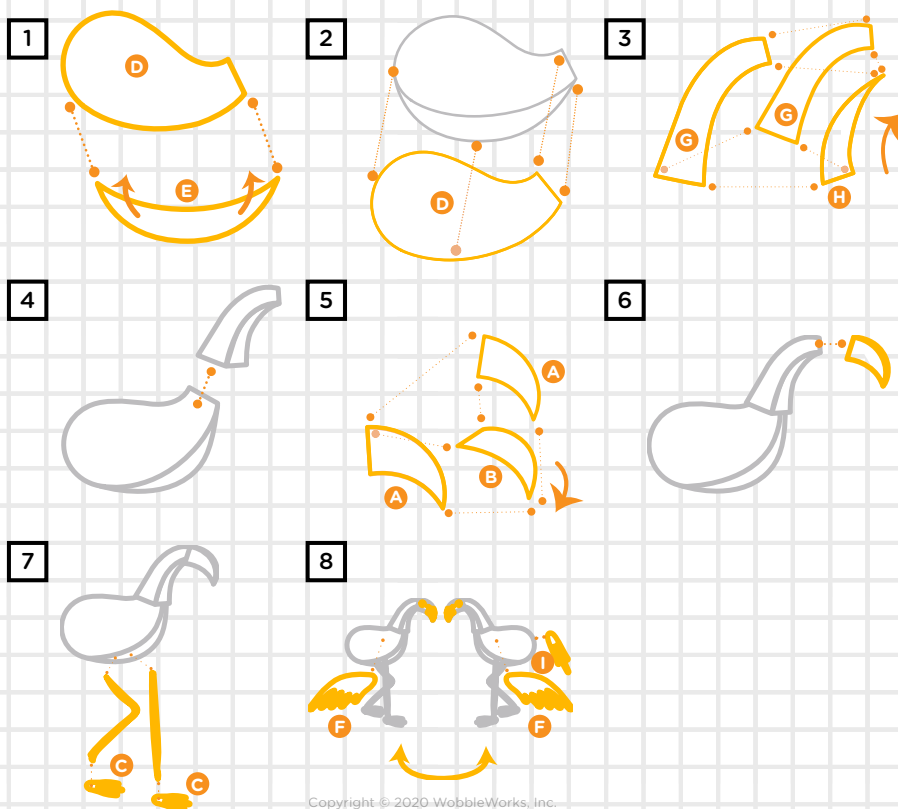
◀ SCAN FOR VIDEO

	BEGINNER		25 MINUTES
	6 RED, 1 ORANGE, 2 PINK, 2 BLACK AND 1 WHITE STRAND		
	W: 6.5 CM x H: 5 CM x D: 3 CM		

Flamingos are known for their bright pink feathers, long skinny legs, and hooked bill. Their colorful feathers are a result of the pigment found in the foods they eat, namely algae and small crustaceans. Grab your 3Doodler pen and the colors you want to use, then create a 3D flamingo.

FOLLOW ALONG

FLIP CARD OVER FOR STENCIL ▶

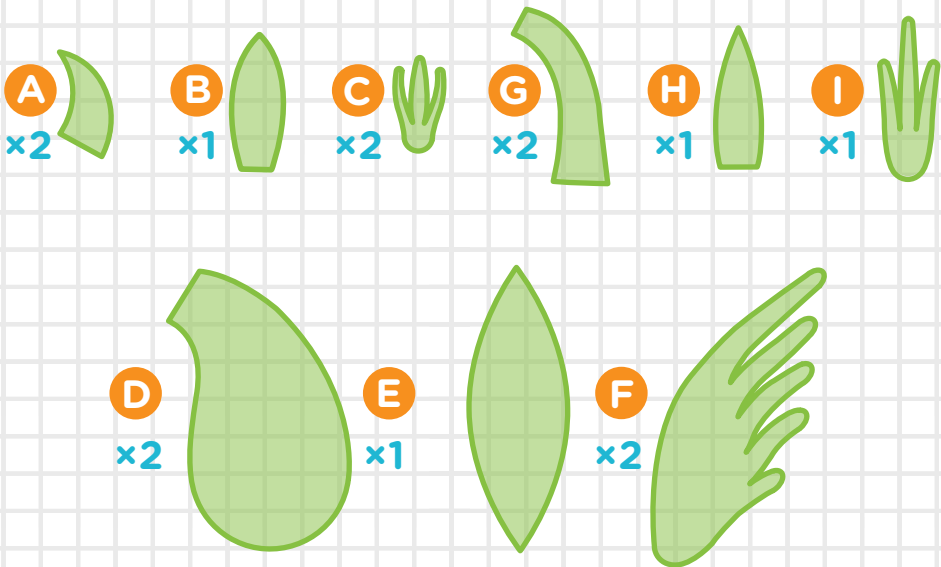




Flamingo

◀ SCAN FOR VIDEO

	BEGINNER		25 MINUTES
	6 RED, 1 ORANGE, 2 PINK, 2 BLACK AND 1 WHITE STRAND		
	W: 6.5 CM x H: 5 CM x D: 3 CM		



GO BEYOND! Check off your progress.

<input type="checkbox"/>	Now create more interesting winged creatures!
<input type="checkbox"/>	Where does your creature live? In the tropics, mountains, or desert? You decide!
<input type="checkbox"/>	Share your Doodles with us! Upload them in the 3Doodler app.



Dinosaurs

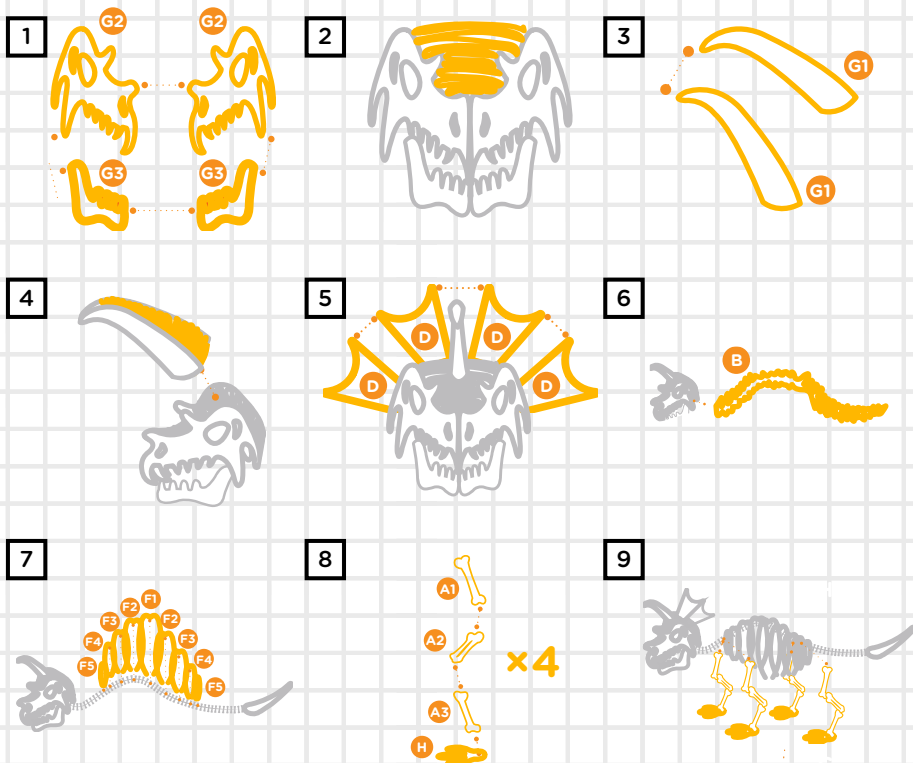
◀ SCAN FOR VIDEO

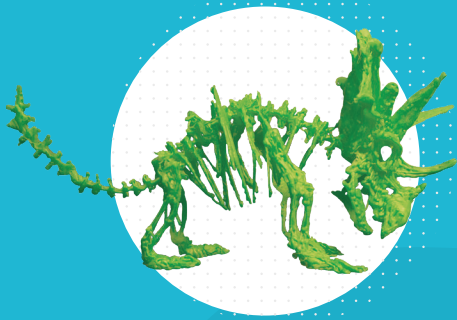
	INTERMEDIATE		45 MINUTES
	////////// 11 STRANDS OF ONE COLOR		
	W: 14 CM × H: 9 CM × D: 4 CM		

The earliest known dinosaur species lived more than 240 million years ago! Talk about old. This week, we'll be creating a triceratops, a dinosaur with a 3-horned skull. Triceratops were the largest of any land animal that lived over 65 million years ago. Grab your 3Doodler pen and the colors you want to use, then create a 3D dinosaur.

FOLLOW ALONG

FLIP CARD OVER FOR STENCIL ▶





Dinosaurs

◀ SCAN FOR VIDEO

	INTERMEDIATE		45 MINUTES
	////////// 11 STRANDS OF ONE COLOR		
	W: 14 CM × H: 9 CM × D: 4 CM		

A1 ×4



A2 ×4



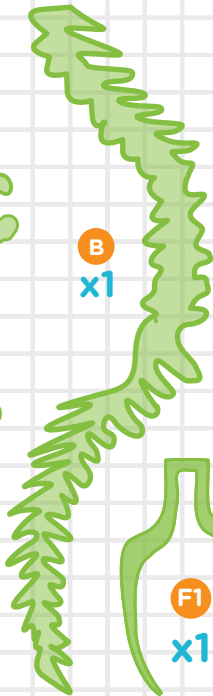
A3 ×4



E ×1



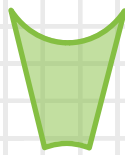
B ×1



H ×4



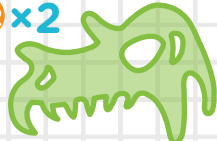
D ×4



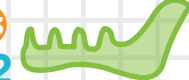
G1 ×2



G2 ×2



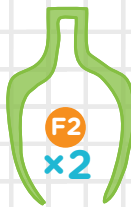
G3 ×2



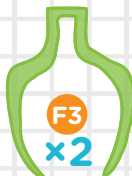
F1 ×1



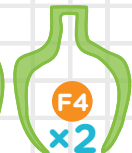
F2 ×2



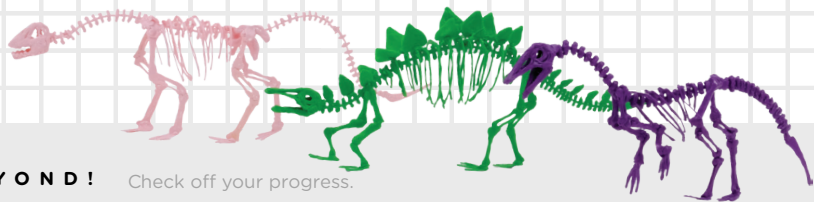
F3 ×2



F4 ×2



F5 ×2



GO BEYOND! Check off your progress.

Now create more dinosaurs or design your own!

Is your dinosaur a meat eater or leaf eater? Does it live on land or in water? You decide!

Share your Doodles with us! **Upload them in the 3Doodler app.**

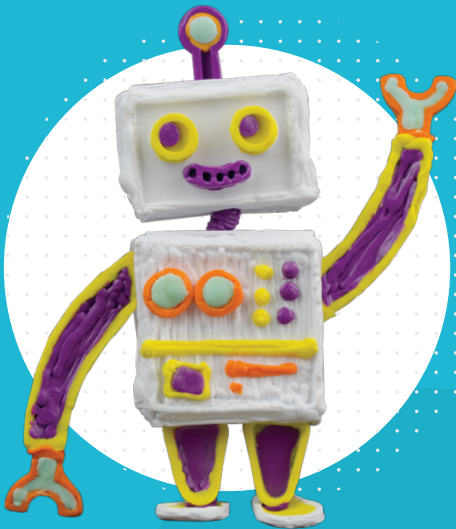


Robot

◀ SCAN FOR VIDEO

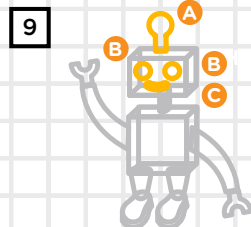
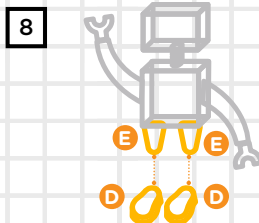
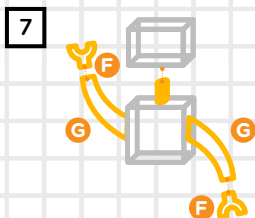
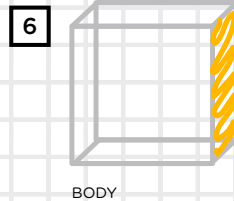
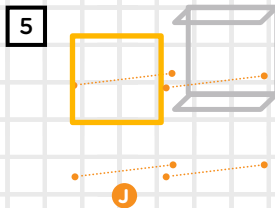
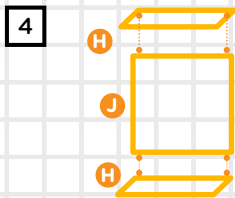
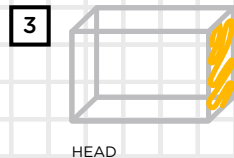
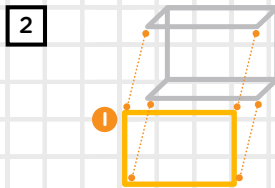
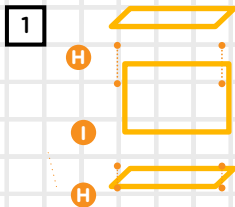
	INTERMEDIATE		60 MINUTES
	3 PURPLE, 5 GRAY, 2 YELLOW, AND 3 WHITE STRANDS		
	W: 3.5 CM × H: 8 CM × D: 2 CM		

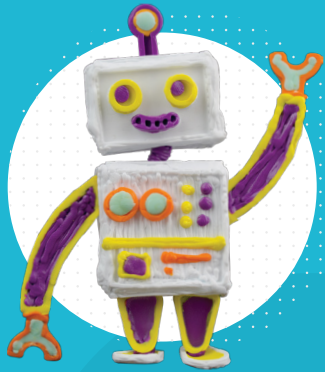
Robots are super cool machines that help perform all sorts of tasks to save time. Engineers build robots in many shapes and sizes depending on the jobs they need to do. Follow these steps to build a friendly robot of your own. Grab your 3Doodler pen and the colors you want to use, then create a 3D robot.



FOLLOW ALONG

FLIP CARD OVER FOR STENCIL ▶





Robot

◀ SCAN FOR VIDEO

	INTERMEDIATE		60 MINUTES
	3 PURPLE, 5 GRAY, 2 YELLOW, AND 3 WHITE STRANDS		
	W: 3.5 CM × H: 8 CM × D: 2 CM		

A

x1



B

x2



C

x1



G

x2



D

x2



E

x2



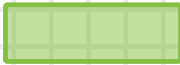
F

x2



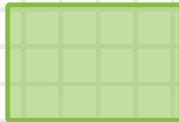
H

x6



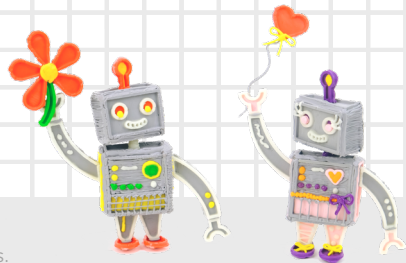
I

x4



J

x2



GO BEYOND! Check off your progress.

<input type="checkbox"/>	Now create your own robot design!
<input type="checkbox"/>	What task will your robot perform? What shape will it be? You decide!
<input type="checkbox"/>	Share your Doodles with us! Upload them in the 3Doodler app.



Vehicle

◀ SCAN FOR VIDEO

	INTERMEDIATE		60 MINUTES
	8 YELLOW, 3 ORANGE & 1 GREY		
	W: 4 CM × H: 8 CM × D: 4 CM		



Many inventors tested and built automobiles during the 18th and 19th centuries. Carl Benz is credited with building the first car in 1885 in Germany. The Benz Patent Motor Car was a three-wheeled vehicle powered by a gas engine with two seats. Grab your 3Doodler pen and the colors you want to use, then create a 3D vehicle.

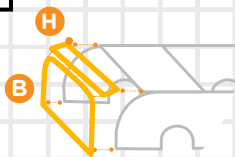
FOLLOW ALONG

FLIP CARD OVER FOR STENCIL ▶

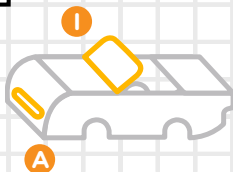
1



2



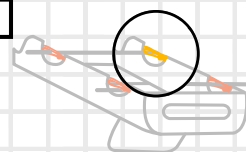
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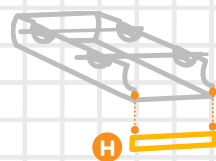
4



5



6



7



8





Vehicle

◀ SCAN FOR VIDEO

	INTERMEDIATE		45 MINUTES
	8 YELLOW, 3 ORANGE & 1 GREY		
	W: 4 CM × H: 8 CM × D: 4 CM		

A
x1



B
x1



C
x2



D
x1



E
x2



F
x1



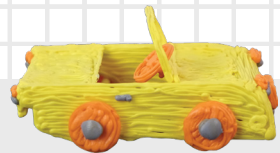
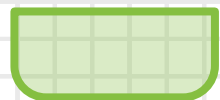
G
x4



H
x2



I
x1



GO BEYOND! Check off your progress.

<input type="checkbox"/>	Now create more modes of transportation!
<input type="checkbox"/>	Will your vehicle run on land, in the air or at sea? You decide!
<input type="checkbox"/>	Share your Doodles with us! Upload them in the 3Doodler app.