

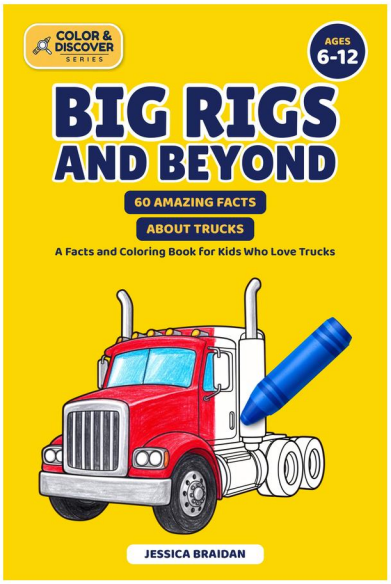
Did you know?

Trucks With Aerodynamic Shapes

Full Load: Engineers are redesigning the shapes of future trucks to help them slice through the air more smoothly, just like a sports car or an airplane wing. Rounded noses, covered wheel wells, and streamlined trailers all help reduce air drag so trucks use less fuel. Some futuristic concept trucks look almost like giant teardrops rolling down the highway! Better shapes mean cleaner, greener, and faster trucks.

Under the Hood: Air drag is the force that pushes back against a moving vehicle. The boxier a truck is, the more air it has to push out of the way. Smoother shapes let air flow around the truck easily, which saves a huge amount of energy over a long journey.

Trucker's Challenge: Think about the shapes you see in nature that move easily through water or air, like a fish or a bird. Draw or describe what you think the most aerodynamic truck shape might look like.



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