

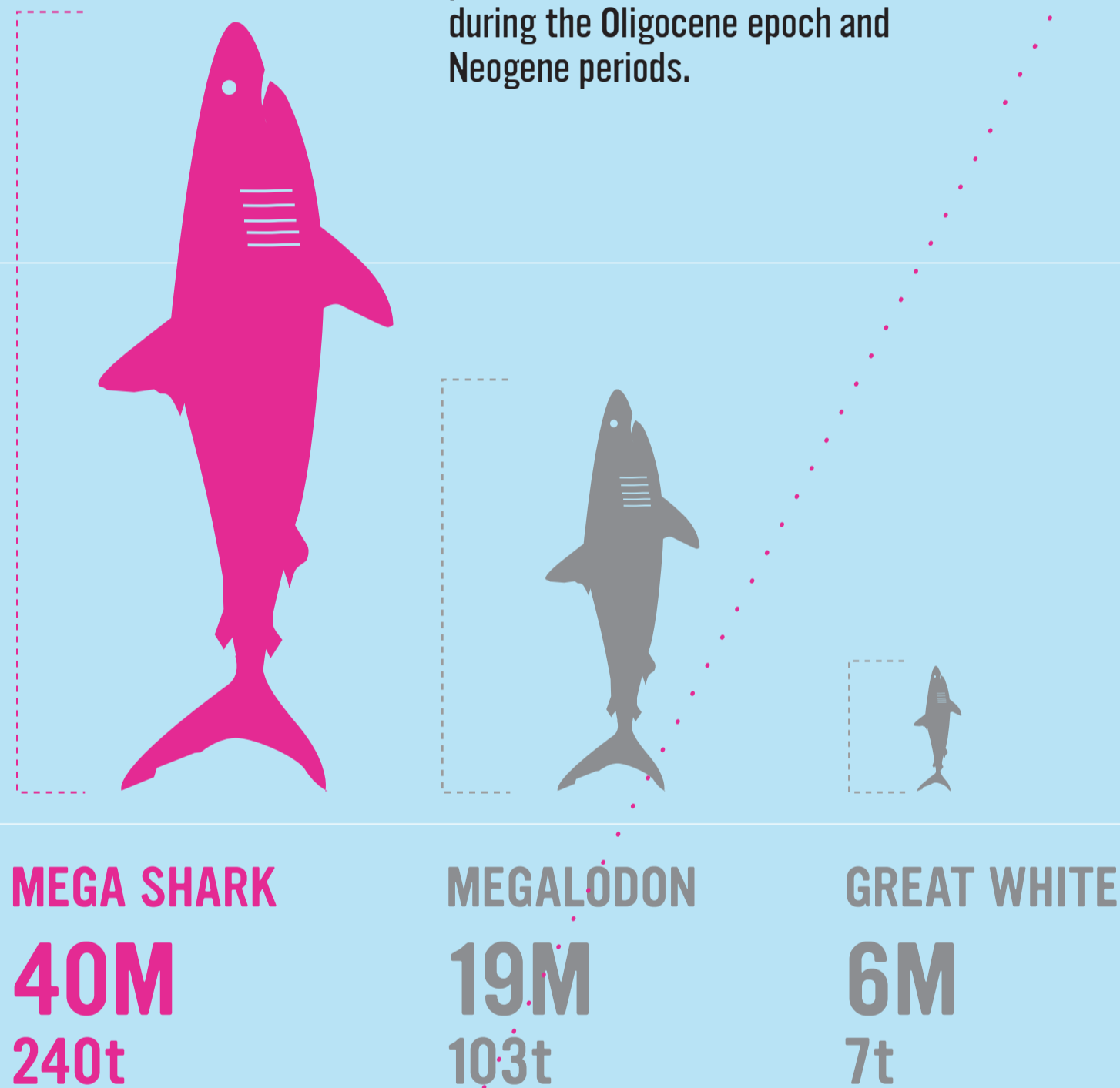
UNCOVERING THE SECRETS OF MEGA SHARK

DEATH IN THE SKIES

A key weapon in Mega Shark's arsenal is its air attack. This skill is witnessed in *Mega Shark vs. Giant octopus*, where Mega Shark successfully takes down a plane cruising at cloud level. Let's take a closer look at how this majestic, yet deadly creature would seemingly defy physics to complete such a feat.

SIZING IT UP

Based on rough estimates, Mega Shark is twice the size of Megalodon, a prehistoric shark that ruled the seas during the Oligocene epoch and Neogene periods.



MEGA SHARK
40M
240t

MEGALODON
19M
103t

GREAT WHITE
6M
7t

YACHT
7M

1500M

1000M
BURJ DUBAI
828M

CN TOWER
553M

500M



1 Mega Shark first spies the plane when it is about 10 km horizontally away from the launch point.

A NEED FOR SPEED

To attack an aircraft 2000m above sea level, Mega Shark needs to gather a launch speed of

709.2 KM/H

COMPARE THAT TO OTHER FAST STUFF:



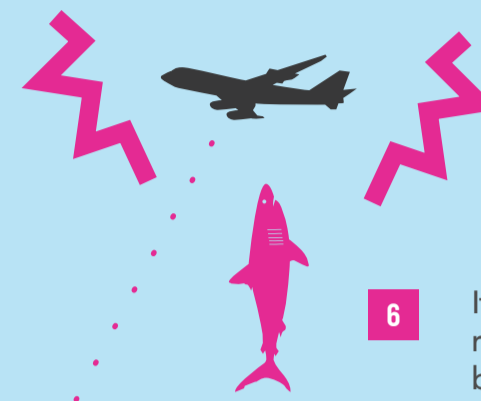
BULLET TRAIN
443 KM/H



TOMAHAWK MISSILE
880 KM/H

2 Mega Shark descends to a depth of at least 1500m to make a rush ascent.

3 At a minimum depth of 1500m Mega Shark must then accelerate rapidly to reach its breaching target speed.



6 It takes around 20 seconds for Mega Shark to reach the plane. It must then disable the plane and bring it down in a deadly descent.

5 Within approximately 6 seconds Mega Shark has already travelled over 1km into the air.

4 Mega Shark breaks the surface at a launch speed of 709.2 km/h.

COLLATERAL DAMAGE

With the extreme acceleration required, relatively smaller marine objects would be hauled to the surface in Mega Shark's wake.