

Invisible Worlds: final Voiceover script

Picture	Voiceover
DNA molecules begin assembling into strands	Four simple molecules, arranged in repeating patterns and unique combinations.
Strands of DNA are completed, pull out to cells	Through DNA, you are related to all life on Earth.
Underground	Underground, vast networks of roots and fungi exchange water and nutrients.
Interactive moment	<i>Use your feet to direct the water.</i>
Underground transitions to above ground.	In nature, nothing is wasted. Dead matter is recycled in soil, nourishing life above ground.

Below the canopy	All of life's dramas play out in an ecosystem, as individuals cooperate and compete to survive.
Dragonfly hunt	
Zoom into leaves	Green plants convert energy from the sun, and carbon dioxide from the air, into solid wood, stems and leaves.
Above the canopy	Flowing energy, air, and water, create Earth's climate system.
Flocking birds transition to interactive moment	<i>These migrating birds are heading north. Can they navigate around you?</i>
Satellite trails around Earth	All living things communicate.
Zooming into earth	Humans have created digital networks to extend the reach of our ideas. How many texts have you sent today?
In Central Park	We express ourselves in many ways: through language, gesture, music, art.

Zooming into brain	
Neurons firing	Communication begins at the cellular level, as cells signal one another.
Interactive moment	<i>Move across this human brain to start signaling.</i>
Connectome	Within each human brain, billions of nerve cells can create trillions of connections – leading to boundless thought and creativity.
Decent underwater	Life is bound together in complex food webs, in which an abundance of small organisms supports fewer large ones.
Underwater	At dusk, dolphins coordinate a hunt for sardines.
Vertical migration	Jellyfish, krill, and tiny plankton migrate upward each night to feed on algae at the ocean's surface.
Plankton footage	90% of the biomass of the ocean is microscopic—tiny organisms that hold the food web together.

Whale	These plankton are using light to warn away a giant predator.
Interactive moment	<i>Move around. How do the plankton react to you?</i>