Experiment 1: Stimuli

***Filler Scenario:***

Think of a Desert

The desert has a road winding through it

The road is called Grainy Road

Grainy Road is very scenic

Grainy Road is about 100 miles long

It starts at Dune Town and ends at Storm City

Today Austin is driving from Dune Town to Storm city

He is driving a brand new 4-wheel SUV

It takes Austin 2 hours to complete the drive

It seems like it takes forever!

**Test Sentence:** Austin drives from Dune Town to Storm City

***Short Distance Scenario 1***

Think of a forest

From above, the forest looks round

The forest is small

It is only 30 miles in diameter

There is a road in the forest

It is called Fallen Leaf Road

It starts at the north end of the forest

It ends at the south end of the forest

Carl lives in a town on the north end of the forest

His brother lives in a town on the south end

Fallen Leaf Road connects the two towns

Today Carl is driving to his brother’s house

He is driving on Fallen Leaf road

It only takes 45 minutes for him to get to his brother’s house

After he arrives, he says “That was a quick drive!”

**FM Sentence:** Fallen Leaf Road races through the forest

***Long Distance Scenario 1***

Think of a forest

From above, the forest looks round

The forest is large

It is 350 miles in diameter

There is a road in the forest

It is called Fallen Leaf Road

It starts at the north end of the forest

It ends at the south end of the forest

Carl lives in a town on the north end of the forest

His brother lives in a town on the south end

Fallen Leaf Road connects the two towns

Today Carl is driving to his brother’s house

He is driving on Fallen Leaf road

It takes 6 hours for him to get to his brother’s house

After he arrives, he says “That was a long drive!”

**FM Sentence:** Fallen Leaf Road races through the forest

**Control Sentence:** Fallen Leaf Road is located in the forest

***Short Distance Scenario 2***

Think of an island

From above, the island looks round

The island is small

It is only 30 miles in diameter

There is a road on the island

It is called Coconut Road

It starts at the north end of the island

It ends at the south end of the island

Patrick lives in a town on the north end of the island

His sister lives in a town on the south end of the island

Coconut Road connects the two towns

He is driving on Coconut road

It takes him 45 minutes to get to his sister’s house

After he arrives, he says “What a quick drive!”

**FM Sentence:** Coconut Road crawls across the island

***Long Distance Scenario 2***

Think of an island

From above, the island looks round

The island is large

It is 350 miles in diameter

There is a road on the island

It is called Coconut Road

It starts at the north end of the island

It ends at the south end of the island

Patrick lives in a town on the north end of the island

His sister lives in a town on the south end of the island

Coconut Road connects the two towns

It takes him 6 hours to get to his sister’s house

After he arrives, he says “What a quick drive!”

**FM Sentence:** Coconut Road crawls across the island

**Control Sentence:** Coconut Road is located on the island

Experiment 2: Stimuli

***Filler Scenario***

Think of a park

There’s a slow-moving stream there

There’s a path next to the stream

People often like to bike on the path

Today Caleb is biking at a moderate pace

He hikes all the way to Rapids Point

Then he comes back to his car

The whole ride takes 2 hours

What a long ride!

**Test Sentence:** Caleb bikes all the way to Rapids Point

***Slow Scenario 1***

Josh is a senior citizen

Josh has bad lungs from smoking all his life

He just started walking for exercise

Today Josh is taking a walk on a path next to a river

Josh slowly walks along the river for 3 miles

At one point he tries to jog

Josh is barely able to jog for 3 minutes

He feels completely exhausted and out of breath

It takes him an hour to finish walking 3 miles

**FM Sentence:** The path bolts along the river

***Fast Scenario 1***

Josh is a sprinter on his school’s track team

Josh is very in shape and exercises every day

Today Josh is running on a path next to a river

Josh runs quickly along the river for 3 miles

Sometimes Josh even sprints along the river

Josh quickly reaches the end of the trail

He is exhilarated and doesn’t feel tired

It takes him only 15 minutes to do the run

**FM Sentence:** The path bolts along the river

**Control Sentence:** The path goes along the river

***Slow Scenario 2***

George is a Senior Citizen

He has a bad heart

He just started walking for exercise

Today George is walking a trail leading up a mountain

He slowly walks the trail for 3 miles

At one point he tries to jog

George is barely able to jog for 3 minutes

He feels exhausted and out of breath

It takes him an hour to finish walking 3 miles

**FM Sentence:** The trail soars up the mountain

***Fast Scenario 2***

George is a trail runner

He is in great shape due to exercising every day

Today George is running a trail that leads up a mountain

He quickly runs up the trail for about 3 miles

Sometimes George even sprints up the mountain

George quickly reaches the end of the trail

He feels refreshed and exhilarated

It takes him 15 minutes to finish running the trail

**FM Sentence:** The trail soars up the mountain

**Control Sentence:** The trail goes up the mountain

Experiment 3: Stimuli

***Filler Scenario***

Think of a lake

It measures 5 miles long and 2 miles wide

There’s a popular beach at the lake

A lot of people go swimming there

Phil is a truck driver

He’s swimming at the lake with his friends

The sand at the beach is very smooth

The road that circles the lake is very bumpy

It’s called “Lake Road”

Trucks are not allowed on Lake Road

It’s narrow and windy

**Test Sentence:** Phil drives his Semi-truck around the lake

***Difficult Scenario 1***

Think of a canyon

The canyon is 30 miles long and 10 miles wide

The canyon is very dangerous

There is a scenic road along the edge of the canyon

Ned is driving the entire length of the canyon

There are many hairpin turns

Ned drives along the edge of the canyon often without guard rails

**FM Sentence:** A road darts along the canyon

***Easy Scenario 1***

Think of a canyon

The canyon is 30 miles long and 10 miles wide

The canyon isn’t very dangerous

There is a scenic road along the edge of the canyon

Ned is driving the entire length of the canyon

The road is straight and level

Ned drives along the edge of the canyon protected by the guard rails

**FM Sentence:** A road darts along the canyon

**Control Sentence:** The road goes along the side of the canyon

***Difficult Scenario 2***

Think of an island

The island is 30 miles long and 10 miles wide

The island is very dangerous

There is a scenic road along a cliff on the island

The road has many hairpin turns

Todd drives along the scenic road

He drives past a lot of loose rocks

**FM Sentence:** A road shoots around the island

***Easy Scenario 2***

Think of an island

The island is 30 miles long and 10 miles wide

The island is very safe

There is a scenic road along the beach on the island

The road is flat and straight

Todd is driving along the scenic road

He drives along the road protected by guard rails on both sides

**FM Sentence:**  A road shoots around the island

**Control Sentence:** The road loops around the island