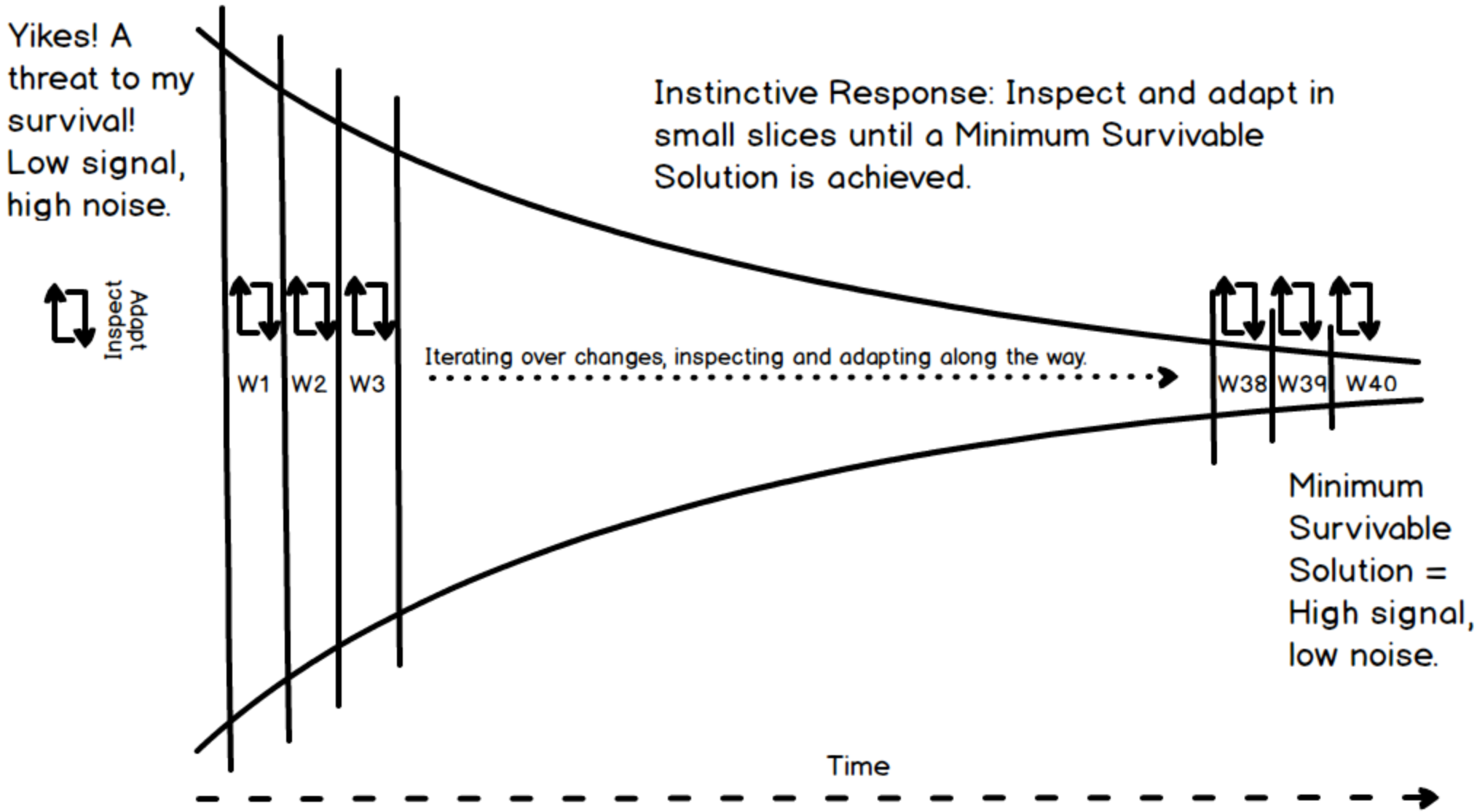
Agile Concepts

- Agility is simply a philosophy of learning and discovery.
- Codify agility into a system to make it more efficient and able to scale.
- This is the organization optimized for continuous learning.
- The human body has already done this and made it instinctive!

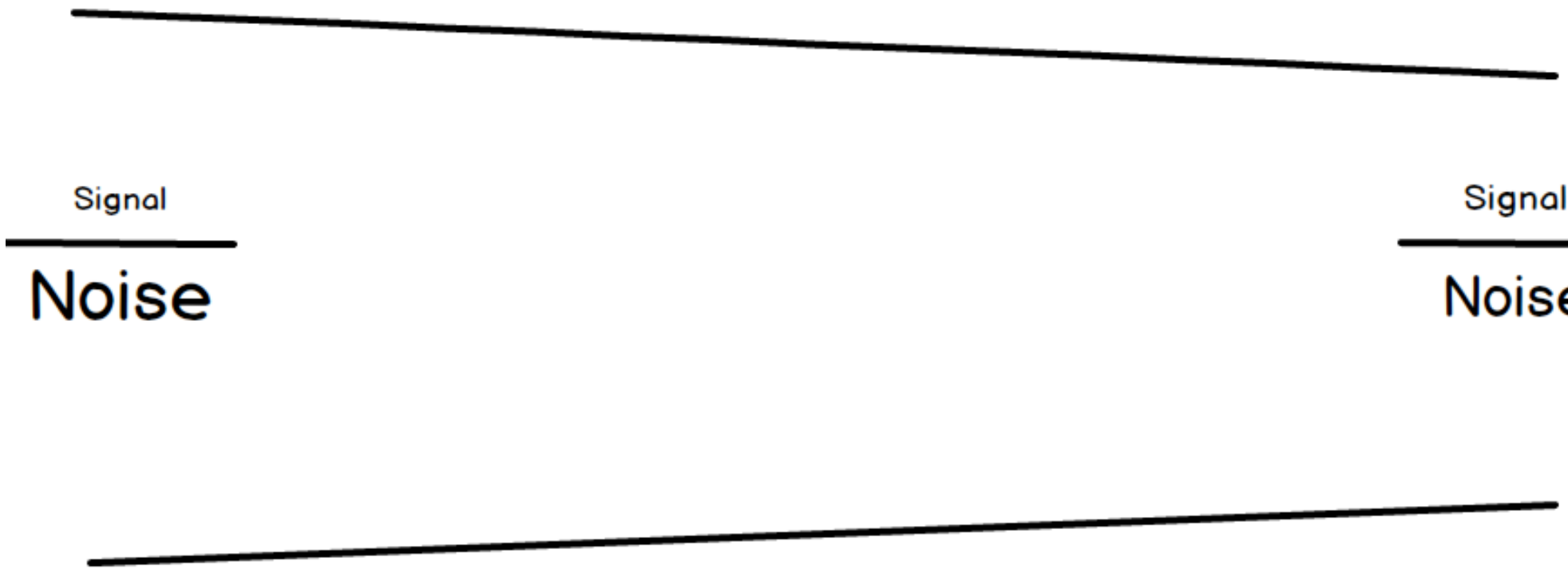
The Elliptical Machine Story…

So, what’s the point?

Survival Is Itself An Agile Process



The Way Most Cones End Up Looking



So, what’s a better strategy for weight loss using an elliptical?

Exercise: Let’s do some scrum!

The Empire State Building

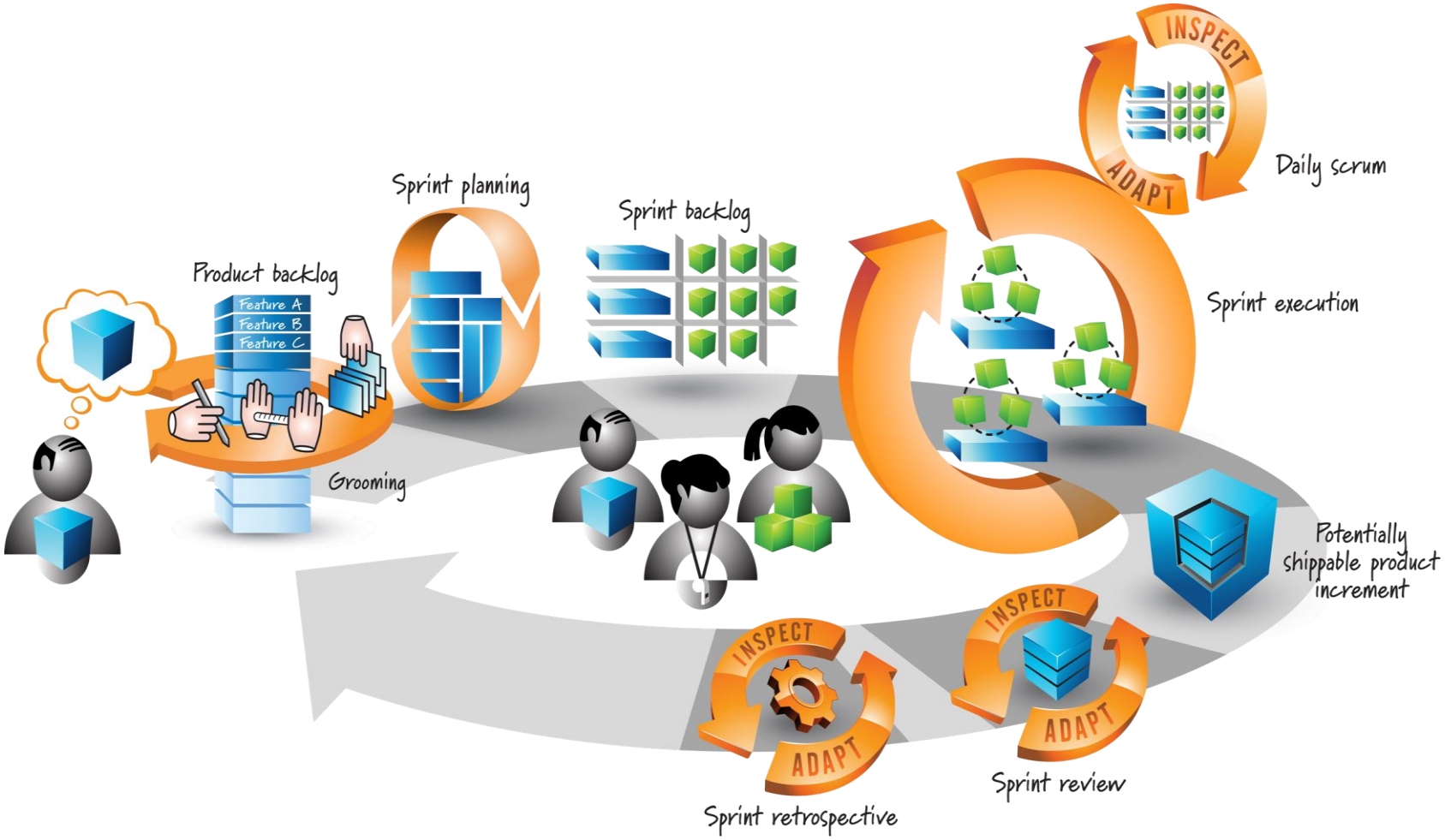
- New York City
- Construction 1930 - 1931
- 102 floors
- 1454 feet
- New York is the “Empire State”

What’s the weight of the Empire State Building?

Context and what we know…

- The year is 1925.
- No building design exists.
- We know that concrete, steel, glass, piping and wiring will be used.

Scrum Framework



Ground rules

- Timed, 1 minute sprints.
- Since I’m the stakeholder, you can ask me questions about the building during the sprint.
- At the end of each sprint, we will do a retrospective (inspect and adapt what we just did).
- Scrum master will conduct the retro.
- I will act as a stakeholder and tell you if you’ve reached a minimum survivable solution, given the data we have after each sprint.

Ready?

- Ask the stakeholder (that’s me) questions during the sprint!!

Start the timer, and…

Go!

The Minimum Survivable Solution

- Amount of concrete (C)
- Amount of steel (S)
- Amount of glass (G)
- Amount of piping (P)
- Amount of wiring (W)
- (C+S+G+P+W) * (# floors of certain size)

So What’s The Point?

1) Our ability to reason is our primary data source. This is the “human expert system.”
2) Reason in small slices, then check and adjust at the end of each slice.
3) This gets us closer to a minimum viable solution with fewer catastrophic mistakes and less work.
4) Less work = less time = less volatility = more certainty and stability.