

Scale the Strat

- Show students the following video and website about the Scale the Strat event.

<https://www.lasvegasnow.com/news/hundreds-of-climbers-scale-the-strat-for-a-cause/1807226777>

https://action.lung.org/site/TR?fr_id=17492&pg=entry

- There are 108 floors and 1,455 stairs that people go up. What is the fastest time you think someone has made it up the stairs?

Shaun Stephens-Wale ran up the steps of the Stratosphere Tower in 7 minutes and 3 seconds, taking first place in this year's Scale the Strat.

The 27-year-old from Roberts Creek, Canada also set a new course record.

- Would this time have beat someone in an elevator?

Scale the Strat question

How many floors would someone in an elevator have to be stopped at in order to tie Stephens-Wale running up the stairs?

Stephen-Wale ran up the Strat (108 floors and 1,455 stairs) in 7 minutes and 3 seconds.

Show your mathematical work