



Spaghetti Engineering

5th Grade - NGSS 3-5-ETS1
Materials and Additional Resources



Materials

- 40 pieces of spaghetti
- 1 large marshmallow
- Bag of mini marshmallows



Engineering Design Process

[Identify, Brainstorm, Prototype, Test, Iterate, Share | Engineering Design Process](#)



Non-Fiction Reading

[Amazing Tower Building Ants](#)

[Spaghetti Breaking Experiment](#)



Music

[Towers of the World](#)



Arts & Crafts

[Draw the Leaning Tower of Pisa - Art Projects for Kids](#)

[How to Draw the Eiffel Tower](#)



Videos*

[How to Build a Marshmallow Tower](#)

[Leaning Tower of Pasta](#)

[The Eiffel Tower for Kids](#)



Teacher Resources

[Tower Facts for Kids](#)

[Awesome 8 Skyscrapers](#)

[Interesting Building Facts - Famous Buildings, Skyscrapers, Fun Trivia for Kids](#)

**A note about YouTube videos - The listed videos have been previewed, however individual teachers should also preview to ensure content is appropriate for their students.*