



First and foremost, May 4th is always known as Star Wars Day: can you tell me why?

Well it all started back in 1977 when George Lucas released the first in a hugely successful sci-fi bank of films tracking the Force and those who have it!

Now I have set a series of challenges to understand those among you who are true Jedi Knights and who among you have a strong presence of the Force...

All this week, we will celebrate all the science that is behind this fantastic legacy in the name of intergalactic peace... Complete as many of these challenges and share your work with me Young Jedis!

Mrs Adams
Jedi Master

For our Younger Jedis:

You have come to the right side of the Force! From making your own finger puppets to fun trivia questions, we have you covered for plenty of fun times in this galaxy ... and the next! Here is the link:

<https://www.readbrihtly.com/star-wars-printables-activities/>

15 Simple Activities with a Star Wars Spin

1. **[Build a Paper Airplane Launcher](#)**: TIE fighters.... X-wing.... no matter what variety of starfighter you like most, this airplane launcher activity is an easy tie-in. ([Lesson Plan available](#))
2. **[Build a Gumdrops Geodesic Dome](#)**: the desert planet of Tatooine where Luke Skywalker grows up is spotted with dome-shaped structures. (This activity was recently featured in our [Doing Science at Home](#) series, too, with a geometry focus)
3. **[Colourful Patterns in Melting Ice](#)**: Hoth is an ice planet. Remember when Luke was frozen to the ceiling upside down? Explore the structure of ice — and ice melting — in this colourful activity.
4. **[How Does a Hovercraft Hover?](#)**: Land speeders and hovercraft appear in many places in *Star Wars*. In this activity, kids make a simple hover-inspired vehicle using a balloon and CD.
5. **[Oobleck: A Recipe for a Mesmerizing Mixture](#)**: there are numerous quicksand (or mucksand) pits in the saga. Exploring the non-Newtonian characteristics of Oobleck is a great opportunity for tactile fun with colloids.

6. **[How to Make Slime](#)**: Jabba the Hutt brings icky slime to mind. Slime is simple to make, but it is a great chance for kids to experiment with the formula to make slime with specific characteristics. What will their Jabba the Hutt-inspired slime be like? ([Lesson Plan available](#))
7. **[Circus-Trick Science: How to Balance Anything](#) and [Balance the Forces within a Mobile](#)**: bringing *balance* to the Force is a big part of the *Star Wars* storyline. These activities are about using physics to make things balance (literally). You could also use light and dark objects on each side of your balancing activities to see if you can use STEM to bring things into perfect, balanced harmony!
8. **[How to Harvest Water from Fog](#)**: moisture farms on Tatooine use "vaporators" to harvest moisture from the air. Kids can explore similar concepts in this activity.
9. **[Build a Robot Hand](#)**: Luke ends up with a cybernetic hand in the movie arc, but fixing robots and droids is also a recurring theme. In this activity, experiment with making and using a simple robot hand. (This activity was recently featured in our [Doing Science at Home](#) series.)
10. **[Candy Waterfalls: Can Candy Flow Like Water?](#)**: Garbage pits and compactors involve piles and piles of trash and recycling (sorted along the way). In this activity, kids explore what circumstances make it possible for a material to *flow* like water. For an engineering design challenge on sorting, see the [Marble Machine](#) project. For a lesson plan about using magnets to create a sorting machine, see [Build a Recycling-Sorting Machine](#).
11. **[Build a Rubber Band-Powered Car](#) and [Build a Wind-Powered Car](#)**: there are many kinds of vehicles in the *Star Wars* saga. Designing vehicles for different terrain and using various means of power is good practice for thinking about engineering to meet the needs of specific locations.
12. **[Creating Craters](#)**: with so many planets to explore, a crater-making activity is always a good fit. This one can be messy, but it is a great opportunity for a cool, slow-motion video, too!
13. **[Mars Rover Obstacle Course](#)**: Han Solo beat the odds when navigating the Millennium Falcon through the Hoth asteroid field. He was at the controls, but you can simulate the course by giving someone else directions and seeing if you can guide them through a tricky maze.
14. **[Robot, Make Me a Sandwich!](#)**: What are your favourite robots in *Star Wars*? Most of the droids operate based on their programming. In this activity, students practice thinking through and giving step-by-step directions for performing a task.
15. **[The Bouba-Kiki Effect](#)**: there are many races and languages in the *Star Wars* series. This activity is a simple way to explore how people make associations between sounds and shapes — and to think about communication.

