

SDG Shuffle Challenge Card Teacher Overview

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World Spawn Coordinates (SDG-Shuffle Village): -673 65 35

Minecraft: Education Edition v1.12 World Seed #: -1290209139

SD G #	Series 1 (2018)	Series 2 (2020)
1	<p>Tiny Homes & Shipping Container Minimalistic Homes are the future. Build your future solution. Will you stack them or put them underground? Underwater? Be creative!</p> <p>Build Site Coordinates: 1022 70 1922</p>	<p>Resources needed for the new "Minephone" are found deep inside tribal mountains. How can these villagers get the resources to market and escape poverty? Build a solution including a fair pay system.</p> <p>Build Site Coordinates: 1354 67 -1079</p>
2	<p>Underwater in greenhouse pods or even stacked vertically on land. Build amazing new ways that we can grow food for all. Where and how will you grow the world's future food?</p> <p>Build Site Coordinates: 2463 72 1665</p>	<p>Rural sustainable farming is becoming super important as our planet heats and dries. Waste needs to be reduced. Rain collected and used. Create a rural farm solution with effective composting and near zero waste.</p> <p>Build Site Coordinates: -250 68 190</p>
3	<p>Mosquitoes kill 725,000 humans each year. Design & Build improved shelters & other mosquito solutions to reduce this number! Think beyond bug spray!</p> <p>Build Site Coordinates: -1706 67 1359</p>	<p>Viruses pose a risk to human health. Life must go on however. Can you design a safe yet fun classroom environment that prevents virus transmission? A classroom for today's challenges.</p> <p>Build Site Coordinates: -2500 70 -925</p>
4	<p>57 million primary-aged students can't get an education. Are robots the answer? Build a safe and global "school" solution to help! (Example: Sub-Saharan Africa)</p> <p>Build Site Coordinates: -2461 64 -1224</p>	<p>Students with disabilities have the right to an ideal education too. Design new and improved solutions to help those with disabilities of all kinds at school. New doors? Boards? Steps? Desks? Classrooms? You decide.</p> <p>Build Site Coordinates: -1992 67 -1520</p>

5	<p>ONLY 22.8% OF ALL NATIONAL PARLIAMENTARIANS WERE WOMEN AS OF JUNE 2016. DESIGN HOW VOTING LOCATIONS & CAMPAIGNS MAY LOOK IN THE FUTURE TO HELP WITH THIS PROBLEM.</p> <p>Build Site Coordinates: 105 68 1840</p>	<p>Ella Stevens is a 13-year-old girl who is trying to be the first female Formula One driver for Ferrari. Think of a sport or an experience in which we seldom see women participating. Build a scene of a woman WINNING that event, experience or sport!</p> <p>Build Site Coordinates: -1389 120 -985</p>
6	<p>WOMEN IN SUB-SAHARAN AFRICA COLLECTIVELY SPEND <u>40 BILLION</u> HOURS ANNUALLY COLLECTING WATER. BUILD A SOLUTION THAT CAN REDUCE THIS TIME & ALLOW WOMEN TO BE EDUCATED, TO WORK, AND TO EDUCATE OTHERS.</p> <p>Build Site Coordinates: 1757 64 -308</p>	<p>Fresh drinking water is becoming harder to sustain. However, science has provided a solution. Research "sea water desalination" and build a representation of this solution that could save human kind.</p> <p>Build Site Coordinates: 1130 64 -2357</p>
7	<p>1 in 7 people still lack access to Electricity. Most live in rural areas of the developing world. Build CLEAN & Renewable energy solutions for a rural village.</p> <p>Build Site Coordinates: 1047 67 573</p>	<p>As we move away from fossil fuel use in our vehicles their style will change too. Elon Musk has already shown us his vision with Cybertruck. What do you think future vehicles will look like? Solar panels? Wind Power? Car/Boat/Plane hybrids?</p> <p>Build Site Coordinates: -535 64 540</p>
8	<p>470 million jobs will be needed to absorb new entrants to the labour market before 2030. Create a current non-existent job of the future & show what it looks like. A job that doesn't exist yet.</p> <p>Build Site Coordinates: 119 73 1399</p>	<p>Sustainable tourism that lifts locals out of poverty is more important now than ever. Build your idea for a local tourist experience that you could create where you live. On or in the water? On land? In caves?</p> <p>Build Site Coordinates: -1610 63 -1134</p>

9	<p>In some African countries, infrastructure constraints cut businesses' productivity by about 40%. Build your idea for the future of transportation of goods and materials that could help these nations.</p> <p>Build Site Coordinates: 1444 64 -644</p>	<p>It's important to support domestic technology development especially in developing countries. Create something innovative that the villagers of Minecraftia will really want to buy. Invent! Eureka!</p> <p>Build Site Coordinates: -1240 80 -370</p>
10	<p>We must facilitate orderly, safe, regular & responsible migration & mobility of people. What should our borders look like? How should they operate? Build your solution Safe, Inviting & Responsible.</p> <p>Build Site Coordinates: 150 68 40</p>	<p>Sending aid to other countries is essential for sustaining human life on earth. Find two biomes next to each other and bundle aid packages for each, that can be sent to the other biome for support. Things they have less of in their biome. Is the trade fair? Make it fair.</p> <p>Build Site Coordinates: 476 67 102</p>
11	<p>By 2050 there will be 6.5 billion people living in cities. That's 66% of all humanity. We need smarter cities. Build a Tall, green, modern & multi-family living structure. Nature meets style and function.</p> <p>Build Site Coordinates: 1886 69 1804</p>	<p>Over 90% of Covid-19 virus cases are in urban (city and town) areas. Find a town and add features to the urban environment that can reduce virus transmission. One way paths? Washing stations? Outdoor church? Protect the Villagers.</p> <p>Build Site Coordinates: 494 69 501</p>
12	<p>Globally, 2 billion people are overweight or obese. Build A healthy restaurant with appropriate portion sizes and menu choices. Responsible consumption.</p> <p>Build Site Coordinates: -700 65 1060</p>	<p>Singapore burns their trash then dumps all of the ash off-shore at Semakau Island. This has kept coral alive, created a beautiful green island and attracted tourists! Build your own modern trash island that looks beautiful at the surface. See Singapore's.</p> <p>Build Site Coordinates: -351 63 -775</p>

13	<p>Since 1970, the number of natural disasters worldwide has risen 4X to about 400 a year. Build a flood, tsunami and/or hurricane proof residence for future coastal living. Strong, affordable & visually appealing. Oceanside safety.</p> <p>Build Site Coordinates: -1127 65 2572</p>	<p>According to the WWF only 4% of Forest Fires are naturally started by events like lightning. Create a safe camping scene demonstrating how humans can enjoy nature while preventing fires. "Only you can prevent forest fires!" - Smokey Bear</p> <p>Build Site Coordinates: 26 71 535</p>
14	<p>As much as 40 percent of the ocean is heavily affected by pollution, depleted fisheries, loss of coastal habitats and other human activities. Build a device or system to clean the plastics or garbage from our oceans.</p> <p>Build Site Coordinates: -1795 65 980</p>	<p>Pirate fishing steals food and income from the coastal communities that depend on it. Once illegal fishing ships are identified there needs to be rapid response. Design an air or water vehicle to respond and detain illegal pirate fishermen. Police the seas!</p> <p>Build Site Coordinates: 1371 64 -2142</p>
15	<p>Of the 8,300 animal breeds known, 8% are extinct & 22% are at risk of extinction. Build an animal sanctuary which communicates the importance of the land animals in Minecraft & for Minecraftians.</p> <p>Build Site Coordinates: -2514 65 446</p>	<p>Desertification effects 25% of Earth's land. This disrupts the lives of roughly 3 billion humans. Fight back against desertification by turning a desert/dry area into a grassy, green and diverse forest . This is called terraforming! Bees can help!</p> <p>Build Site Coordinates: 940 63 191</p>
16	<p>10 million people have been denied a nationality and related rights. What would a new nation island look like in international waters? Design a floating or island town nation demo for these nationless people.</p> <p>Build Site Coordinates: 700 64 -1475</p>	<p>60% of countries have prison overcrowding. Is there a way to rethink prisons for non-violent offenders? Could it be a village? An Island? The Antarctic? Build your vision for a future prison for low-risk offenders? Don't make it too nice!</p> <p>Build Site Coordinates: -877 64 -900</p>
17	<p>4 BILLION PEOPLE STILL DO NOT HAVE ONLINE ACCESS TO THE INTERNET. DO WE FLOAT, FLY OR TUNNEL INTERNET TO REMOTE AREAS? BUILD YOUR SOLUTION FOR BRINGING EVERYONE ONLINE.</p> <p>Build Site Coordinates: -340 69 1480</p>	<p>There are cruises that celebrate almost every cause imaginable. Design a cruise ship that travels the world allowing guests to connect and partner for the purpose of working for a sustainable world! "S.D.G. at Sea!"</p> <p>Build Site Coordinates: -3242 63 1915</p>