

Building From Home: week 6—REGROW

Name:	Date:	Class period:
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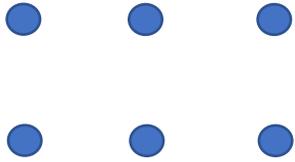
Introduction: REGROW

Spring is finally (hopefully?) here! By “spring” I mean that season in which winter stops being winter (cold and snowy) and we get to go outside between rainy times and windy times and cold-with-clouds times. It’s when the brown leftover from winter turns green, just because the sun shines on the plants longer and they produce more chlorophyll and chloroplasts in response. (I think. Ask your science teacher.) We now get to regrow our skills—because we’re not in the same place, but we’re trying to still do school. You’re great—let’s keep working together. Remember to record whatever you do. Write about it. Take a picture. Remember it.

ACTIVITY 1: MAKE SOMETHING (game challenge)

1. Find play equipment, such as balls, ropes and hoops, or random plastics, paper, cardboard, etc., to invent a new competitive game. Make a set of rules and teach the game to someone you live with. Play a game and keep score.
2. Next, REGROW your game so that it’s cooperative (meaning: you have to work together to solve a problem or accomplish a goal or task).

Activity 2: SOLVE SOMETHING (brain work)

1. **Problem** of the week: Mrs. Lee is planting a new garden. She can’t figure out how to make **all** of these fence posts (even the middle one) connect to each other with only 4 pieces of straight fence. Can you? 
2. **Riddles** of the week: 
 - a. What goes around the world and stays in a corner?
 - b. What gets wetter the more it dries?
 - c. The more there is, the less you see.
3. **Try:** [Link to The Control Room Riddle](#). Answer the questions on the site.
4. **Question** of the week: If you could design our new school, what would you build that we don’t have?

Activity 3: READ SOMETHING (and then summarize)

1. Find a magazine—any article, even online—then read it on your own or to someone else. Then write a summary.
2. Or: read and summarize the article on the back—make sure to include the following in your summary:

Who is the article about	What is the article about	When did it take place
Where is the action happening	Why did this event happen	How was it completed
Problem or challenge in story	Result (success or failure)	Lesson that was learned

Activity 4: DO SOMETHING (for this class)

1. Typing practice. Daily. (typing.com) Then, on Friday, take a 3-minute test (text) online. [Link to Typing website](#). Then update your typing trackers.
2. Assignment: do any old work. NEXT: check MS Teams for instructions on how to log in to PLTW to get to the next set of work . . . you can now do App Creators (MIT App Inventor) or Computer Science for Innovators and Makers (MS Makecode) online.
3. Email me. Let me know what you’re working on, any struggles you are having, or materials you may need. I can have Ms. Maddy check out micro:bits or other materials to you during lunch pickup.

After months in space, astronauts returning to changed world

Fri, April 10, 2020 By Marcia Dunn Associated Press

CAPE CANAVERAL, Fla. – Two NASA astronauts said Friday they expect it will be tough returning to such a drastically changed world next week, after more than half a year at the International Space Station.

Andrew Morgan said the crew has tried to keep atop the pandemic news. But it's hard to comprehend what's really going on and what to expect, he noted, when his nine-month mission ends next Friday.



In this image from video made available by NASA, U.S. astronaut Jessica Meir speaks, accompanied by Andrew Morgan and Chris Cassidy, during a news conference held by the American members of the International Space Station on Friday, April 10, 2020. Meir and Morgan said they expect it will be tough returning to such a drastically changed world next week, after a half-year or more in space. (AP)

“It is quite surreal for us to see this whole situation unfolding on the planet below,” said Jessica Meir, who took part in the first all-female spacewalk last fall. “We can tell you that the Earth still looks just as stunning as always from up here, so it’s difficult to believe all the changes that have taken place since both of us have been up here.”

As an emergency physician in the Army, Morgan said he feels a little guilty coming back midway through the medical crisis.

“It’s very hard to fathom,” Morgan told reporters.

Meir said it will be difficult not being able to hug family and friends, after seven months off the planet. She anticipates feeling even more isolated on Earth than in space.

“We’re so busy with so many other amazing pursuits and we have this incredible vantage point of the Earth below, that we don’t really feel as much of that isolation,” Meir said.

“So we’ll see how it goes and how I adjust,” she said. “But it will, of course, be wonderful to see some family and friends, at least virtually and from a distance for now.”

Morgan flew to the space station last July, and Meir last September. They will return in a Soyuz capsule with Russian Oleg Skripochka, landing in Kazakhstan. Their departure will leave three astronauts, who arrived Thursday, on board.

The three will return exactly 50 years after the Apollo 13 astronauts splashed down in the Pacific. An oxygen tank explosion aborted the moon-landing mission.

“Once again, now there’s a crisis and the crisis is on Earth,” Morgan said.