

# Building From Home: week 3—REBUILD

Name:	Date:	Class period:
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## Introduction: REBUILD

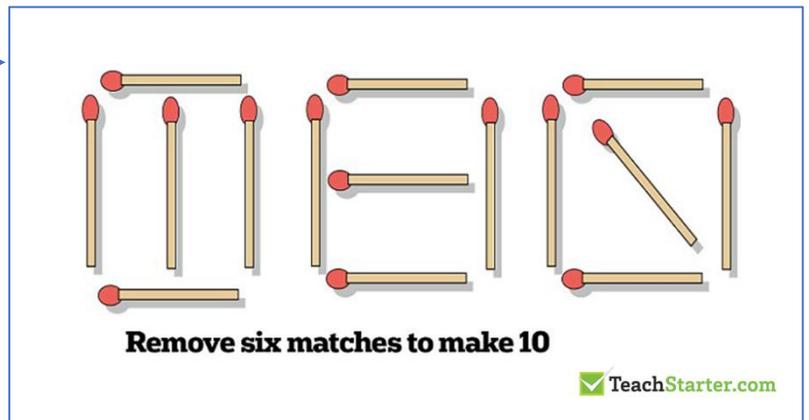
By now you've no doubt rebuilt your daily routine . . . around things other than school. Which is exactly what you're supposed to do: help out. The reader board at On-Track (the high school program across the field from Shaw) says: **Start where you are, use what you have, do what you can.** Because: yes, of course. You're great!

### ACTIVITY 1: MAKE SOMETHING (lego challenge)

1. I wanted to make you a really cool build challenge for those of you with lots of LEGOs, but I can't do better than these people: [SCLMJRADC](#). Pick any one of those challenges and go for it.
2. Take a pile of LEGOs, using at least 100 pieces, and make something amazing. Then take a picture. Now: write instructions for your creation. (Better yet, draw instructions.) REBUILD as needed.
3. If you don't have LEGOs and want to make, go to to this link: [Link to LEGO Design Software](#) and install the LEGO digital design software. If your computer lets you. Then make something amazing.

### Activity 2: SOLVE SOMETHING (brain work)

1. **Problem** of the week: 
2. **Riddle** of the week: An elevator is on the ground floor. There are four people in the lift including me. When the elevator reaches second floor, one person gets out and three people get in. The elevator goes up to the third floor, 2 people get out and 6 people get in. It then goes up to the next floor up, no-one gets out but 12 people get in. Halfway up to the next floor up the elevator cable snaps, it crashes to the ground. Everyone else dies in the elevator. How did I survive?
3. **Question** of the week: who is the first person you called on the last day of school (March 16)?



### Activity 3: READ SOMETHING (and then summarize)

1. Find a book—any book—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:

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

### Activity 4: DO SOMETHING (for this class)

1. Typing practice. Daily. (Nitrotype!) Then, on Friday, take a 3-minute test (text) at typing.com. Then update your typing trackers.
2. Assignment: do any old work. NEXT: you have a new assignment in MS Teams that published yesterday. Go check that out.
3. Email me. Let me know what you're working on, any struggles you are having, or materials you may need. I can be available during lunch pickup to check out micro:bits or other materials to you.

# 'We just want to help': Spokane Valley-based manufacturer offers to make much-needed ventilators

UPDATED: Tue., March 24, 2020

By Kip Hill [kiph@spokesman.com](mailto:kiph@spokesman.com)(509) 459-5429

Craig Gates oversees 5,000 employees who could be put to work making medical devices desperately needed in the country right now, and he took to social media Monday to trumpet that fact.

"We can be up and running building ventilators quicker than the automotive guys," Gates, chief executive at Spokane Valley-based KeyTronic, wrote in his first tweet ever Monday, tagging President Donald Trump and Washington Gov. Jay Inslee. "Tweet me back."



The plan, suggested by a niece who's an engineer at General Motors, worked.

Gates said Tuesday he's been in contact with the state's Department of Enterprise Services about the possibility of KeyTronic, a contract manufacturer, producing parts or the entirety of ventilators.

Those devices help a patient breathe during the type of respiratory failure that's a symptom of COVID-19.

The company, founded in 1969, is based on Sullivan Road in Spokane Valley, but has facilities in Texas, Arkansas, Minnesota and Mississippi, as well as in Mexico, Vietnam and China.

KeyTronic's legal representation is reaching out nationally to see if the firm can help supply providers in other parts of the country, Gates said. The demand has been most acute in New York, with Gov. Andrew Cuomo making a plea to the Trump administration to provide an additional 30,000 devices for the expected surge of patients in the coming weeks.

"There is no other way for us to get these ventilators," Cuomo said at a news conference in New York on Tuesday morning. "We've tried everything else. The only way we can obtain these ventilators is from the federal government. Period."

The firm needs specifications for devices before they can begin mass production, Gates said in an interview. KeyTronic already has authorization from the Food and Drug Administration to produce medical equipment, and is currently under contract with at least 70 companies to manufacture goods that include slot machines and infrared thermometers.

Gates said KeyTronic would be capable of producing entire ventilators, but the company might be better positioned to provide component parts for the devices as companies seek to ramp up production of the breathing devices.

[A firm in Bothell announced earlier this month](#) it was increasing its monthly output of the machines from 150 to 1,000 to meet demand, and Ford Motor Co. is working with GE to build the devices as well.

"That would be the quickest way we could help, I think, is if somebody had a production pinch-point on a part, or set of parts, or some assembly," Gates said.

Producing ventilator equipment wouldn't require a "strategic shift" in KeyTronic's operations, Gates said. He wanted governments to know the company was willing, and able, to handle demands for breathing-assisted devices when he sent the tweet.

"I would not say that I anticipate it," Gates said. "We just want to help."