



# Open Day 2020

**STEM Challenge: Tower and Bridge Challenge**

KP



Education



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# Welcome to KP Open Day

With the COVID situation, this year our Melrose Park Public School Open Day is virtual.

We welcome you into our classroom to view a showcase of our 'Level 1' STEM (Science, Technology, Engineering and Mathematics) activity.

We were looking forward to completing these tasks with parents, carers and our community, focusing on exploration and collaboration skills - perhaps you can complete some of these tasks at home with your child, and see where the learning takes you?



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# ES1 STEM Challenge with Duplo, Wooden and Foam Blocks

## Challenge

Can you work with your team to build the following?

## Materials

Tub of Duplo, Wooden and Foam blocks.

## Challenge Instructions

**Challenge #1:** Make the highest tower out of wooden and/or foam blocks.

**Challenge #2:** Make the longest bridge with Duplo and get a Beebot across.





**Challenge #1:** Make the highest tower out of wooden and/or foam blocks.

Planning Time!







**Challenge #1:** Make the highest tower out of wooden and/or foam blocks.

Making Time!

[Click here to watch the fun!](#)





**Challenge #1:** Make the highest tower out of wooden and/or foam blocks.

Making Time!





**Challenge #1:** Make the highest tower out of wooden and/or foam blocks.

Click on the links for video results from this challenge!

[Team 1](#)

[Team 2](#)

[Team 3](#)

[Team 4](#)



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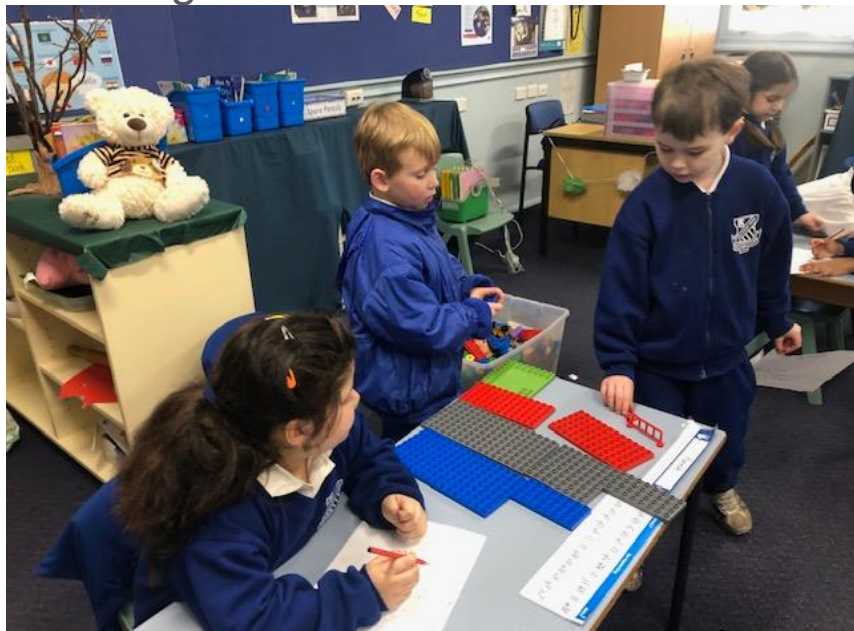
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**Challenge #2:** Make the longest bridge with Duplo and get a Beebot across.

Planning Time!

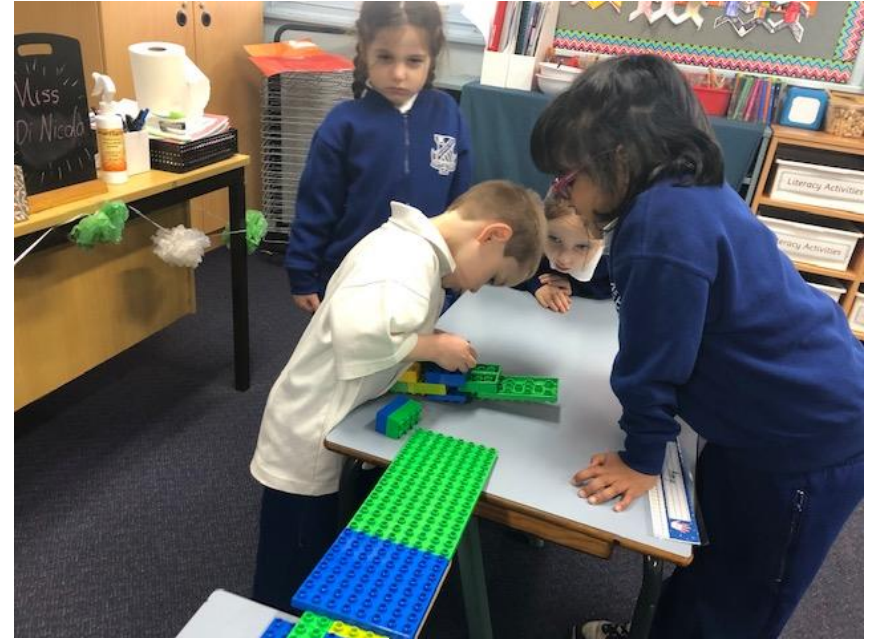
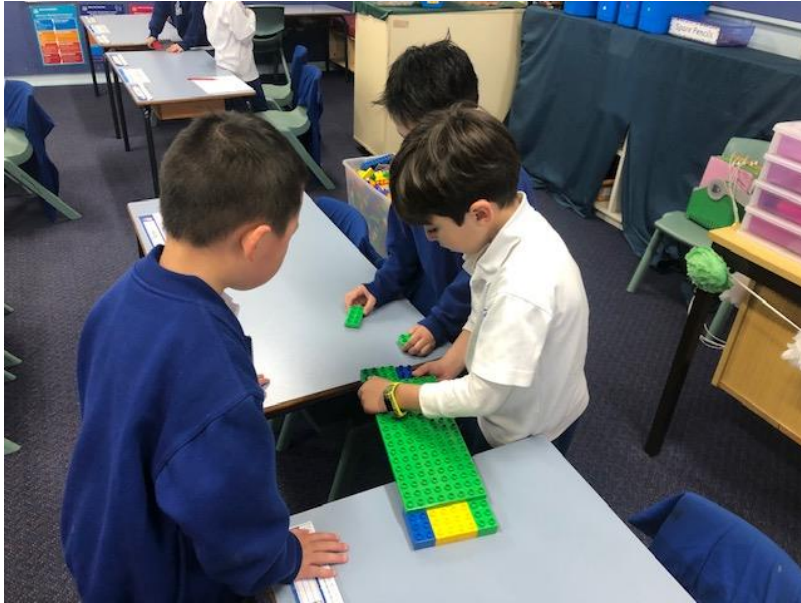






**Challenge #2:** Make the longest bridge with Duplo and get a Beebot across.

Making Time!





**Challenge #2:** Make the longest bridge with Duplo and get a Beebot across.

Making Time!

[Click here for more making fun!](#)





**Challenge #2:** Make the longest bridge with Duplo and get a Beebot across.

Click on the links for video results from this challenge!

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**We hope you enjoyed our hard work!**  
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