

Learning Plan Mon May 11th – Thur 14th (Non-instruction day Fri 15th)

Monday 11th – Watch this clip...go on, just click:

1. <https://www.youtube.com/watch?v=nORRgU8sGdE>

That's right...it's the 'Rube Goldberg at Home, Self-Isolation Challenge'!!!

Think of your work with your rollercoaster. The rollercoaster was about thinking in angles, namely what angle supported a fast run of your vehicle, without it crashing.

Angles play a huge part in how our solar system works. Think about it, the momentum of the planets, on their specific trajectory, maintained by gravity, means that planets don't just suddenly crash into each other! Phew! (Mystery question: A specific angle also gives Earth it's seasons. I wonder what the angle is and how it gives us our seasons?)

This week your challenge is to try and create a simple Rube Goldberg machine which helps solve a self-isolation problem at home. You'll need ask yourself about isolation struggles you are experiencing and to talk to family members to support idea generation.

We can all talk during our Wednesday meeting and you can tell me when to set a deadline.

2. Tomorrow will start a mathematics support session I am offering, regarding our recent work with making angles and our new work in investigating angles. Please read p146-p147. This will be the focus of my support tomorrow. Write down specific questions about what you don't understand about adding angle measurements.

Tuesday 12th – The sun is here! Check out the attached pdf to see some fun activities to do in the sun.

1. Today's math practice (p148-p149) is to support a quiz for next week.
 2. A math practice support session will run from 1pm-1.30.
- a) If you wish to join please go to <https://meet.google.com/>
b) Click on 'Join or start a meeting'.
c) Enter the code Democracy3AD then click 'continue'.

Whether you are joining me in the support session, or not, your mathematics practice today is to complete p148-p149.

Wednesday 13th –

1. Rollercoaster development – continue with the building and perfecting of your rollercoaster. Remember, through testing you are trying to find the steepest angle which allows your vehicle to still stay on your track. This means you'll probably build more than one prototype.

2. Please look at the schedule below and the talking points. For privacy, names have been changed to initials. Please carefully check for your initials. **I changed the groups, so please check the schedule carefully.** Make sure you know which 20- minute slot you are in and when to be online.

1.00pm – 1.20pm	1.30pm 1.50pm	2.00pm – 2.20pm
A.L. D.M. E.A. B.M. M.M. L.M. A.S. C.S. M.M. L.O. S.L.	A.P. A.R. C.E. P.P. H.C. L.G. J.V. K.R. E.G. K.H.	M.M. W.W. G.B. T.H. K.B. M.P. A.H. I.S. O.W. J.S.

Meeting Agenda:

- Let's talk about Rude Goldberg! (Deadline setting)
- Volunteers, how went the grade one buddy class?
- Share a piece of feedback you found useful from your picture prompt story sharing.

Thursday 14th –

1. If you have not, complete the questions on p148 – p149
2. The Breadwinner Reading – Please check out my amazing reading of chapter eleven of our novel study. I thought that it was worth completing this reading together. Please take note of my writing suggestions in the video, which can help support you short story writing.

After the video, please take the time to complete this writing prompt. You do not have to hand this prompt in. You may choose to handwrite in a journal you have at home, or create your own Google Doc. Be prepared to talk about your journal writing in our next group meeting.

Chapter Eleven Writing Prompt:

By this point in the book, characters have changed and developed, based on the context of their own experiences. Pavana began the story as a reluctant participant of her family's chores and traditions. However, as the story progressed she became much more central to her role in her family and more independent. Why do you think Pavana would act the way she does at the beginning of the book (reluctant) but is now an agent of change, feeling invested in her family and their future? Have you had an experience like this? Please describe it.

Friday 15th -

It is a non-instruction day today, but check out these wonderful mathematics games. There is some really neat stuff here, so share them with your family and let mom and pop have a go!

Motion Math – learn number and fractions – Downloadable on the Apple App Store

Dragon box – teaches algebra - – Downloadable on the Apple App Store

Mathbreakers – A 3D math video game that encourages experimentation with numbers and problem solving skill development - <http://www.mathbreakers.com/> - Free to play!