



## Summer Camp 2018 – Week 2 Newsletter

Week 2 was all about *the future*, imagining what would it be like!

Looking at Robots, flying cars, living underground on Planet Mars and much more, students considered the way life could be in the future. Our projects focused on *artificial intelligence* and the difference between what robots and humans can do. It was identified that there are some areas that artificial intelligence will never be able to replicate such as the arts!

Week 2 Core Value: ***Open Mindedness*** Children are encouraged to look at things in a different way and appreciate that their friends ideas may be very different to their own. By recognizing this, our summer camp students will develop skills to better communicate and collaborate with their peers.



### Cooking: **Banana Cake & Fresh Spring Rolls**

The baking this week involved using fruit in cakes to learn how natural sugars in fruits can balance the recipe and taste. There are also many other fruits that are used in cakes where the same technique can be applied to create a variety of tastes.

Following-on from Week 1 activities, students used the outcome of their hydroponics growing to incorporate in their cooking class where they used their fresh greens in their spring rolls!





## Drama “What Else Could It Be?”

Take ANY everyday object and really observe it from all angles and perspectives! Think of as many “other” things it could be...You will be amazed at your child’s scope of imagination!

This week children have been asked to connect what they have learned in their drama sessions with their everyday lives in the interest of approaching life with an open

mind and creative way of thinking.

“What Else Could It Be?” is an excellent activity to generate free thinking where students can *think outside the box* and experience different perspectives.

## Arts & Activities: Spinning Art

This week, the “I don’t know how to draw” was not heard in the activity session as “Spinning Art” gave everyone the chance to get colorful and random patterns using only the centrifugal motion of a salad spinner. Continuing from last weeks’ theme of protecting our planet, we have also created our own color palette based on natural ingredients such as turmeric, coal and butterfly pea. This shows us that the solution to many problems is nature!





## Sports & Teambuilding: **Mini Olympics**

This week's core value of open-mindedness offered a wealth of opportunities for the students to engage in some outside-the-box sports and team building activities, which culminated in our very own mini Olympics. We challenged students to go for gold as we pitted teams against each other in traditional events with a twist (balloon shotput, paper plate discus and heel-to-toe 100m dash) as well as some favorites like three-legged races and leap frog.





## Einstein 1 (Age 5 group):

It has been a week filled with AI fun for Einstein 1! Students were exposed to gadgets from the past and introduced to the concept of Artificial Intelligence for the future. The students thought up many ideas of machines that would be created in the future. They asked insightful questions surrounding AI that is currently available. The bulk of this week, Einstein 1 has focused on a S.T.E.M project. The students set out to design a machine that would move a marble the longest distance using concepts centered around pulleys, levers and natural movement of a slide system. We are very proud of the open-mindedness and creativity that they have displayed throughout the week as well as their cooperation with others in a team. Einstein 1 took on the principles of De Bono's thinking hats to design and critically evaluate their feelings and creations. We are



proud of the changes they were able to make to their projects for the final testing. We cannot wait to see what the future will hold for them and how they will grow to change their own environment!

**Einstein 4** has been hard at work this week on their project: **"What will the year 2050 look like?"** They have done a great job of working together while focusing on this week's theme of "Open-mindedness." This week they have done a lot of research, created amazing posters, and then presented their ideas for the future to the rest of the class. Job well done!



**Einstein 2 & 3** had an enjoyable week; they had fun doing different activities and projects focusing on

**'The Future'** as the theme and 'Open-mindedness' as the core value for the week.

Einstein 2 and 3 collaborated and have implemented good classroom activities and projects.

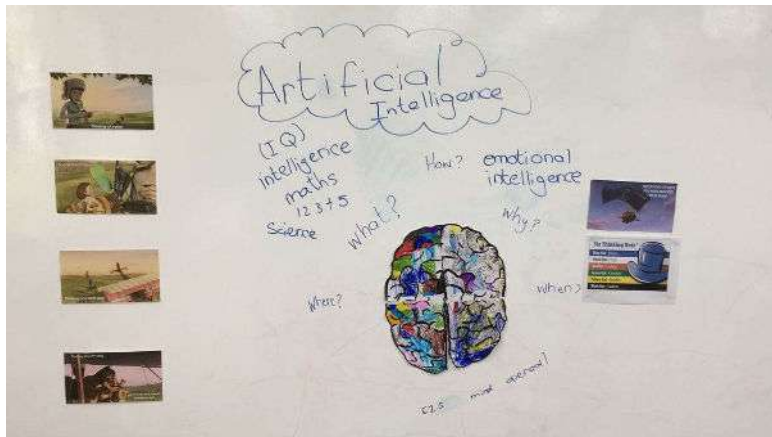
THINKING TOM, where they have to draw what they imagine the world would be like in the year 2070

BALLOON POWERED CARS (Mastering the art of design in the area of air-propelled vehicles)

THINKING CAP (Investigating with students to imagine their inventions for the future)

ROBOT ARM (Designed by only using paper and elastic bands)

POP UP INVITATION CARDS (Invitation to an Interplanetary party, students let their imagination flow)



STRAW ROLLERCOASTER (STEM project that uses straws, sticks and marbles)

MAKING A ROBOT (Using recycled materials such as bottles and cartons)

Students did well and had so much fun brainstorming what the future would be if we would had robots, AIs, and machines to do things that we usually do ourselves! What will the future be like...?

## Da Vinci 1 & 2 (Age 10 to 14 groups)

In Week 2, Da Vinci students learned about tomorrow's world and innovation by exploring space.

We heard from leading expert thinkers about what technology will look like in the year 2025, which might include sending astronauts to Mars. Students learned about the technical challenges relating to living on Mars, then designed their own Mars colonies.

Finally, we learned about building rockets. Students designed their own rockets and launched them on the sports field. By experimenting with different air to water ratios, they figured out how to get the most dynamic results from their innovative designs!

