Here at the DKC we have four achievable expectations for all students at all times.

**Respect**

**Responsibility**

**Resilience**

**Safety**

We explicitly teach on a daily basis what these expectations look and feel like to our students. The purpose of this is to help them develop and achieve these skills to enhance success in both school wide and personal goals. All students can earn cogs by simply using their manners, remaining in their seat on the bus or walking quietly through the school which all come under our expectations. The cogs can be saved from week to week or students may choose to trade them in at the end of each day at our Cog Shop. Here at DKC these are great incentives as the goodies at the cog shop are well worth buying.
Industrial Design

The Team made wooden cars and airplanes! And in three simple steps – design, construction, and evaluation.

The design process saw budding engineers sketch and plan what their vehicle would look like. The next step took us to the Workshop.

In the workshop, we cut simple lengths of wood, and then added the magic touch to transform them into mini trucks, cars, utes or planes. We cut and filed, sanded and shaped, painted and decorated until our lifeless wood emerged as a moving and rolling wooden toy.

The final step was to look for improvement. Each one of the team looked at everyone’s work, including their own, and offered commendation on the brilliant ideas, and constructive assistance on some of...
Science of Speed (SOS)

The goal of the program was to allow students to follow the design process of designing, producing and evaluating to develop a CO₂ Dragster to travel as fast as possible. Students were exposed to scientific terminology which they had to consider in ensuring their dragsters met strict design criteria. Students were assessed in three main areas: design of vehicle, construction of vehicle and racing of vehicle. Students worked individually throughout the program. The design process was a major component of the SOS program. The design process helped the students have a clear plan on what their final product will look like before constructing. During the construction stage the students learnt to use many tools, machines and safety equipment in the manual arts room.

Once the dragsters were constructed it was time to race them. A big crowd was on hand to watch the dragsters compete to see which students earned the right to be crowned the 2015 DKC Designer Award. The dragsters were propelled down the track by compressed Carbon Dioxide Gas. The dragster raced down a track 20 meters in length.

Many close races were had during the day. Parents and spectators left amazed at the designs and the speed the dragster reached. The winner of the event was a dragster by the name of Black Knight.

The race day enabled the designers the opportunity to compare, analyse and reflect on their different designs. With all identifying how they would do things different next time if given the opportunity.

Master Chef & Piecing it Together

Students participating in the Master Chef elective this term have been making healthy food choices preparing a range of lunch options including Picnic Salad Rolls, Tacos, Burritos, Mini Pizza and Hamburgers.

Kitted up with food handling gloves and chefs aprons, students have been enthusiastically cutting, shredding and slicing ingredients, increasing their skills and confidence in using kitchen knives.

As every Master Chef knows, the prepared food must be sampled so……. of course the Master Chef students did just that. A great time was had with food and fun times around the sharing table.

Taking up the challenge of mastering the use of the sewing machine, Piecing it Together students have been busily working to create fabric items including laundry bags, eggs warmers and journals.

With most students never having used a sewing machine before, they have been hugely successful in their accomplishments. Hand sewing skills have been put to the test with lots of threading, stitching and button sewing contributing towards some colourful hand sewn articles being completed.

At the PLC’s

At the PLC we have been working on our Literacy, Numeracy and History. The Greeks have it for this term. At the PLC High we created our version of a Greek vase, read about some Horrible History and even attempted some cooking. The one bounce Basketball challenge kept us on our toes and helped us to understand that fair play and following the rules is good for everyone.

At the PLC Upper we explored measurement and created some high flying paper planes. We investigated Rap lyrics for rhyme and rhythm.

We have completed these tasks with varying success but we had a lot of fun and learnt a lot in the process about ourselves and how we interact with others.

We have also been working on our Social Skills. With a focus on the DKC school wide expectations of Respect, Safety, Responsibility and Resilience we have learnt a lot about our manners and how to treat others.