Welcome to Semester 2! Crimson B is getting ready for an action packed semester. Along with many community events taking place in terms 3 and 4, Crimson B is looking forward to the many upcoming learning experiences ahead. I extend an invitation to all parents/caregivers, family and friends to pop in to our classroom at your own convenience and say hi. Have a look around and ask any questions you may have while you are here also.

The following provides a brief overview of Semester 2 and outlines some general routines and classroom structure. Please join us at the end of each term for our special ‘Showcase’ afternoons. Dates are yet to be advised. These occasions give all Crimson students (7 and 8) the opportunity to invite family members and friends into the classroom where they can show off the results of their learning from the previous term. Term 1 and 2 showcases were very successful and we hope to see you there for Term 3 and 4. Don’t forget – each student in years 7 and 8 have a data folder that is designed to keep track of all assessment and data throughout the year. Students are encouraged to use this as a talking point and use it explain their results.

**MATHEMATICS:**

**Term 3**

We are looking at data and statistics. Everything you need to know about the concept of data will be discussed, examined, deconstructed and then reconstructed again starting with the unit, ‘Data Representations and Interpretation’. Students will be collecting data, evaluating data displays and sample size, exploring the effect of sample size on statistics and exploring outliers and bias. We are continuing with our strong focus on multiplication table recall by taking part in timed quick fact exercises on a daily basis – the aim is to beat our personal best level of recall and time!

**Term 4**

This Term is all about linear and non-linear relationships – we will apply number laws to algebraic expressions and equations, expand and factorise algebraic expressions, solve simple linear equations algebraically and graphically, connect patterns, linear functions, tables of values, graphs and worded statements, plot coordinates on the Cartesian plane and solve realistic problems. Students will also cover concepts that deal with geometric reasoning – we will revise angle properties (co-interior, corresponding, alternate and vertically opposite), explore congruence, establish and apply the congruence tests (SAS, AAS, SSS, RHS), extend congruence of triangles to identify the properties of quadrilaterals and solve problems using the properties of congruent figures, reasoning and generalisations.

There is also a strong focus on multiplication table recall and Crimson B will be taking part in timed quick fact exercises on a daily basis – the aim is to beat our personal best level of recall and time!
ENGLISH:

Term 3
Crimson B will be studying the unit, ‘Understanding how meaning is created in a television drama text’. In this unit students examine a television drama series to understand how meaning is created. They read and view a selection of script excerpts and film clips to interpret stated and implied meanings. They identify and explain text structures and language features that convey character, plot and issues. They also analyse the impact of modes and media on an audience, understand how tone is created in texts and examine how speech conventions influence the identities of communities. Students are expected to be studying their spelling rules and personalised words each week and to ensure they are completing their assessment tasks at home.

Term 4
This term we will read and comprehend a variety of short stories to understand the features that engage an audience. We will also have opportunities to practise short story writing to experiment with visual and language choices that engage an audience. In the assessment task, students will write and illustrate a short story according to a chosen social issue. We will then move into reflecting on the ways that digital technology has influenced language use and communication. We will read and analyse a variety of homepages as examples of digital texts, to identify and explain features that engage an audience. In the assessment task, students use knowledge and understanding to interpret a homepage. For the remainder of the unit, Crimson B students will examine and create social-media profiles.

SCIENCE:

Term 3
Crimson B will be studying ‘energy’ in term 3. Throughout the term students will classify energy forms. They will investigate different forms of potential energy, make predictions and conduct fair and safe experimental tasks. Students will process and analyse experimental data and information and evaluate the experimental method used. They will use models and representations to examine kinetic energy and its relationship with potential energy and heat. Students will communicate how energy is transferred and transformed through various applications.
Term 4

Students will be delving into the world of cells! In this unit cells are identified as the basic units of living things and are recognised as having specialised structures. Microscopes and digital images are used and wet mount slides prepared to observe and identify plant and animal cells and their organelles. We will be looking at the relationship between the structure and function of specialised plant and animal cells and the development of the Cell theory as a result of historical scientific work. We will work towards understanding sexual reproduction and immunity, with a focus on organ systems. We will be exploring the structure of reproductive organs the use of Assisted Reproductive Technologies (ARTs).

GEOGRAPHY:

Term 3

We have a very busy unit ahead of us in term 3 – ‘Landscapes and Landforms’. In this unit students will investigate geomorphology through a study of landscapes and their landforms. We will examine the processes that shape individual landforms, the values and meanings placed on landforms and landscapes by diverse cultures, hazards associated with landscapes, and management of landscapes.

Term 4

This term we will be Investigating migration and urban development in Australia. Students investigate the movement of people into and within Australia and evaluate a scenario to develop a sustainable urban development plan.

HPE: We have a very busy semester, which will challenge students both mentally and physically. This term, Students will analyse the factors influencing emotional responses when communicating with friends. They will apply personal and social skills to establish and maintain respectful relationships. The sport they will be partaking in is European handball. Students will apply personal and social skills to establish and maintain respectful relationships and promote fair play and inclusivity along with apply movement concepts and refine offensive and defensive strategies.

In term 4, students will examine the cultural and historical significance of physical activities and how connecting to the environment can enhance the health and wellbeing of individuals and others. They will also apply the elements of movement to compose and perform a dance movement sequence.

Please feel free to contact Mr Bailey at school on 47428333 if you have any questions or concerns regarding student learning this term.

Matt Bailey mbail145@eq.edu.au
THE ARTS:

In Term 3, students will be completing the Visual Arts component of The Arts units. We will be exploring the medium of paint. Students will begin by exploring different colours of the colour wheel and the skills and techniques of painting. We will be exploring how emotion is represented in colour with a final artwork based around creating a portrait.

In Term 4, students will be completing the Drama component of The Arts units. Students will be exploring role playing and situations where they are expressing personal, cultural and social worlds.

If you have any queries, please contact me at school, Kristine Mars kamar10@eq.edu.au

JAPANESE:

In Term 3, students will be exploring their favourite characters, and will learn how to describe the physical traits and personal characteristics of these characters to others. Students will learn vocabulary associated with this topic including body parts and various adjectives, and will then use this in basic descriptive sentences, as well as complex sentences with multiple adjectives. Students will complete a reading exam containing hiragana, vocabulary and grammar patterns learnt throughout Term 3. In Term 4, students will be examining special events in Japan such as New Year’s celebrations. We will also learn how Japanese people celebrate events, and compare this to Australian customs. Students will learn to describe the activities that take place at special events, and will demonstrate their knowledge through a spoken presentation at the end of the term.

If you have any queries please contact me at school,

Michelle Handley mhand58@eq.edu.au

Design and Technology:

In Term 3, students analyse ways to produce designed solutions through selecting and combining characteristics and properties of materials, systems, components, tools and equipment. By developing a folio of projects, students will further enhance their skills to prepare them for more advanced project development in term 4.

In Term 4, students will manufacture a solution to an identified problem which is designed to allow the students to gain experience using tools, machines and adhesive methods.

If you have any queries please contact me at school,

Murray Griffin (Mr Muz) mgrif83@eq.edu.au
Digital Technologies:

In Term 3, students will design a multi-level maze game for students in Year 2. Using the Scratch interface, students will develop skills in sequencing algorithms and testing solutions. By developing a folio, students will further enhance their skills for the 9/10 elective Digital Technologies.

In Term 4, students will build on this knowledge and understanding with more advanced versions of games which respond to specific problems. These units will expand students’ processes and production skills across the digital technologies curriculum.

If you have any queries please contact me at school,

Hugo Unwin hunwi4@eq.edu.au

HOMEWORK: Homework for core subjects will be based on daily lessons, revising what has been taught. I will email each student a weekly outline of their homework tasks each Monday and I expect that it is emailed or otherwise returned the following Monday. Students do not need access to the internet at home – they can simply print off their tasks at school and hand back to me when it is due. If there is anything in particular you would like your student to be working on please let me know. Also, if you would like a copy of this homework emailed to you please email me using the address below and I will add you to the mailing list. I urge all students to continue working hard with spelling and tables. A weekly spelling list comprised of rule words, contextual words related to the units of study and personal lists will be negotiated at the beginning of each week and tested on Fridays. Each student has a Spellingcity.com log in and password. If they can access this website as part of their homework routine. Alternatively, they are welcome to use the computers in the Resource Centre during homework classes.

Please ensure your student practices the multiplication tables each night at home as well. This knowledge forms the basis of all maths lessons and becoming proficient with our knowledge in this area will help us to understand the concept covered each lesson. Homework Club is available to students who wish to attend. Please see me if you have any concerns with homework or access to resources. I will be making myself available on particular mornings and afternoons in order to support the students in any way I can.

I am looking forward to a fabulous semester of learning with the students.

Melanie Shephard mkell181@eq.edu.au

It would be appreciated if you could provide your e-mail address in order for newsletters/homework to be sent electronically as the preferred communication method in the future.

Name: ________________________________
E-Mail: __________________________________