Grade 7 Design *(amended version)*

Pop-up Book Part A

Statement of Inquiry

Storytelling is an art translated best through visuals.

Inquiry questions

- How can we create a pop-up book to tell a story to young children?
- What is a pop-up book and how does it work?

Graphic Design Task

We will be making an explanation pop-up book that will explore either; *what's inside something* or *how things work.*

Our approaches to learning

Inquiring and analysing a group of similar products that inspire a solution to the problem

Communication skills through exchanging thoughts, messages and information effectively through interaction as well as reading, writing and using language to gather and communicate information

Self-management skills in managing time and tasks efficiently, self-motivation and considering the process of learning through reflection.

Research by finding, interpreting, judging and creating information as well as using different media to use and create ideas and information.

Thinking skills by analysing and evaluation issues and ideas as well as generating novel ideas and considering new perspectives.

Learner Profile

During your work you will have the opportunity to be inquirers, knowledgeable, communicators and open minded.

Concept: Communication

Global context: Personal and cultural expression

TASK 1a – Exploring concepts: Mood Board

Find out what a "good" pop up book might look like:
Search the internet to find examples of exciting pop-up books suitable for PYP students and create a mood board for this page. Use carefully selected key words when you research, for example try *award winning children's' pop up books.* Remember mood boards can contain colours and words as well as images.This should be a very detailed work. You can assemble it using another program such as paint or CAD if you like but you must copy the final result here.

MOOD BOARD

This design is very nice and the colors used all match and describes very well the setting and mood. The technique used for the color of the house especially on the roof are very realistic(very good shading techniques).

This design is very creative especially the cards flying around. Very detailed and very wide variety of color.

This pop up book has a pretty cool design. Full of color but nice and simple at the same time.

This pop up book has a very cool ship design. Very detailed and good use of color.

This pop up book has a pretty cool design. Full of color but nice and simple. However, no detailed designs and it's a bit too plain.

I really like this one the most because of the amount of details and how realistic this castle/tower looks. The use of different shades and colors (greenish-blue shades)make this tower really cool. I also like how the person played with all these different shades to create a very cool looking final product like this.

TASK 1b – Create a consumer survey

Produce a collaborative class survey that will allow you to understand the preferences of your target market.

The students in my group are...

Rita,Sarah,Maya

Your group will need to develop a survey question that is different from any of the other groups. When planning your survey question it is best to work on four different ones. Consider the following points:

• Decide what you want to find out as a whole and how each question can help you do this

• Keep all questions within a context of your required research/goal

• Keep the questions short and simple

• Make the questions not too formal or informal. Use people speak!

• Try and gain facts not emotions

• Where possible use closed questions

Plan your questions here. Choose your best one then add it to the class google spreadsheet.

	Question
	Group 4 Names: Maya, Sarah, Rita.
1	What types of stories do you enjoy/interested in at this age?
2	What are your favorite colors-bright and happy or darker shades?
3	What is your favorite childhood stories/theme?
4	What are your favourite words to describe people or items?
5	What topic exites you the most?
6	Which topics bores you?
7	When you look at a book what makes you uninterested/not wanting to read it?
8	When you see a book what makes you want to read it?
9	Do you prefer sad or happy endings?
10	Do you prefer long of short books?

Your group will need to find 4 different Grade 3 students (2 boys and 2 girls) and ask them your question. Record the answers in the correct column cell on the Google class spreadsheet.

When all groups have completed the sheet you can copy and paste the final question spreadsheet here for future reference.

Grade 7 Survey Sheet for Popup Books

Group 4	Question	Student 1 (Boy)	Student 2 (Boy)	Student 3 (Girl)	Student 4 (Girl)
	Group 4 Names: Maya, Sarah, Rita.				
1	What types of stories do you enjoy/interested in at this age?	The gruffalo	superman	cinderella	goldilucks
2	What are your favorite colors-bright and happy or darker shades?	blue,green-happy	brown,orange-both	purpule-happy	yellow-happy
3	What is your favorite childhood stories/theme?	superhero	sports-competition	romance	superhero
4	What are your favourite words to describe people or items?	strong	nice	pretty	funny
5	What topic exites you the most?	funny stories	animal story	happy stories	funny story
6	Which topics bores you?/when you see a book/what makes you uninterested	boring colors	a lot of words	not many illustrations	ugly cover
7	When you see a book what makes you want to read it?	when the cover is nice/bright colors and fun	a lot of pictures	a lot of pictures	nice pictures
8	Do you prefer sad or happy endings?	happy	happy	happy	happy
9	Do you prefer long of short books?	both	both	both	short

4

Situation

Using the results from the questionnaire, summarise what the problem is with children's pop up books.

SUMMARY:

Summary
Overall, Children at this age prefer prefer different things depending on their gender. For example, girls are most likely to be interested in stories with romance such as cinderella and happy books such as goldilucks while boys prefer more intense superhero themed movies such as spiderman.
Overall, most children at this age prefer happier and brighter colors such as purpule,yellow,green,blue...
Overall, Children at this age prefer different things depending on their gender. For example, a girl's favorite childhood story is most likely to be something romantic or funny and happy while boys have slightliy different intrests such as sports or animals
Overall, children at this age describe characters as strong, nice,pretty and funny while reading books. These vocabs are all positive and the way they look at the book's characters
Overall, the topics which exites children at this age are different since each person has different opinions. Girls mostly enjoy happy and funny stories while boys prefer book related to animal as well as funny books
Overall, the topics which bores and uninterest grade 3 children are when there are ugly,dark and boring colors used(cover of book as well as inside), lots of word and not many illustrations.
Overall, when children at this age look at a book, the things which attract their attentiona nd interests them are when books have lots of pictures and illustrations, not much writing and when bright colors are used.
Overall, all children at this age prefer happy endings than sad ones and it does not matter if the book is long or short as long as it is interesting and has a happy ending.

TASK 2 – Product Analysis

In groups of 3-4 analyse an example of popup books you have seen in class. Produce a presentation to record your findings.

These headings should help you remember how to effectively analyse and evaluate products. Read through the sheet and then analyse and evaluate the products you have been given.

Consumer, Aesthetics, Function, Environment, Ergonomics, Safety, Size, Materials & Manufacturing

Use this page to record your analysis of one product you have looked at.

Book Title:

The very hungry caterpillar's POP-UP PLAYMAT

Aesthetics/Size

This is a very short 4 pages long but full of different drawings, colors and textures book. I think that for its target market (babies and toddlers), the colors used are very fitting and appropriate. Colors used are very bright and a variety of shades are also used. This book also plays around with all kinds of different materials/textures from a silky fabric for the flowers, felt for clouds, glitter texture for waves in the sea to a rough material to act as a turtle's shell which are all very different from each other. The images used are very clear, big and simple with labels underneath. The images are also very kids friendly and easy to understand such as the sun, rainbow, clous, birds and all sorts of simple big drawings of nature, animals and more. The different textures and large and simple drawings are used to help toddlers feel, touch and to help toddlers learn the different images and also to feel the textures to make them understand them more. The cover of the book is also very colorful with the simple drawings which clearly shows what to expect to be inside the book. The designer got his inspiration from a very famous book called 'the very hungry caterpillar" which he based his idea on and made it for even younger people by enlarging the pictures, creating a 'POP-UP BOOK' version which has a surface which opens up when the book is opened and he even changed the story by just adding around 4 words in each page. He even added texture and played around with the colors.

Consumer (customer)

This book is designed for babies and toddler. The book could be carried around anywhere and placed on the floor for the babies/toddler to lie down next to and play with the different textures and look at the big pictures illustrated in each page as shown in the back cover. As written on the back of the book, the impact that this book will have on the toddlers/babies are: It encourages interactive play and fold out books with exciting touch-and-feel textures will entertain them. This means that they will learn all the different names of things with the help of the big images and labels and different textures. This product is promoted to attract its customers not only by all the different, bright and colorful pictures and texture, but at the back of the book their are also many little sentences and pictures advertising the product by saying what the customers will get out of buying their product and how it is used.

Environment

This book is manufactured and made up of many different materials such as felt, silky fabric,hard cardboard,glitter,holographic paper and many more materials used to create the different textures on the book meaning that many trees and lots of energy from factories were used just to make this one product, especially with the various materials used to make textures. However, after disposal or after a while, it could be reused or recycled.

Safety/Size

Since this book is particularly designed, for a very young group of people, it needs to be very safe which is why this design did not use any small pieces which could be ripped off and easily swallowed and the binding and pieces were joined very well together. Even thought toddlers intend to put anything in their mouth, all the pieces are way bigger that their mouth and is impossible from them to even chew on because of how hard the cardboard material used for the cover is.

Function

This book is very easy to use and functions well for many reasons. The best thing about this book is that it is very durable and the cover is made up of very hard materials as well as the fold up part meaning that it would be nearly impossible for toddlers to rip and chew it. This book is very durable because the binding and the pages are secured very well together as well as the bottom fold up part. The fold up part is also very simple shaped(semi circle) which also makes it very easy to fold back together especially with the fold created in the middle. This also makes the book very easy to use and carry anywhere and even last longer.

Materials

This book uses a variety of different materials , as mentioned before such as felt, silky fabric, hard bumpy material and glitter to create different textures for each picture. All materials used were very different from the other and are also very durable meaning they should last a very long time. I also believe that the choice of materials were very good because they all fit in very well with the picture. However, I think that the rough material representing the shell/back of the turtle could be a bit less rough especially since it is made for toddlers/babies.

Ergonomics

Even though there are barely any text in this book, There are labels for each picture which are in very clear font but not very big and do not stand out next to the picture. However, since this is a book made for a very young age group which can't read at all, the writing is not as important as the picture in this case and are probably just there for the parents to read to the toddlers/babies to make it easier for them to learn later on. The pages are very easy to turn but maybe too heavy for a toddler and the book itself is not too heavy but the book is made to be placed on the floor and not be be carried around.

Indicate which level you think you have achieved by using a highlighter.

Criteria					

A Inquiring & Analysing iii	The student **does not** reach a standard described by any of the descriptors	I listed some comments about other products	I outlined existing products that inspired me to produce a solution to the problem	I described a group of similar products that inspired me to produce a solution to the problem	I analysed a group of similar products that inspired me to produce a solution to the problem

Task 3 Write a design brief

Using your research so far, summarise what you need to do to create a solution to your problem. See example below.

Example: Brief for a guitar stand

After looking at existing products and receiving feedback from my target market I have decided to redesign the current guitar stands which are available on the market in order to meet the several specifications stated below.

The stand must be:

- *The stand must be **portable**. This is one of the most important factors when designing the new stand as it seems to be one of the biggest problems with current guitar stands.*
- *The stand must be **stable**. Many guitar stands can be easily pushed over, which defeats the purpose of having a stand, so it must be very stable.*
- *It must be **affordable**. Guitar stands are vital, and so companies take advantage of this fact, increasing the prices on an extremely simple product.*
- *It must **protect the guitar's** condition. Several guitar have scratches and small indents because of the guitar stands lack of padding and support.*

Brief for a pop-up book

After looking at existing pop-up books in the class as well as creating a survey for my target market which are the grade 3 students, I have set several specifications which are stated below to help know what I must have in my design to suit my target market.

The pop-up book must have/be:

1. The pop up book should be Portable meaning that it should not be not too big or too small and a perfect size to be carried around with (also not heavy)

2. It must be good quality→ have good binding and pieces secure and do not fall off or tear apart

3. The pop up book must be about "*what's inside something* or *how things work*" and at the same time interesting & enjoyable(attracts attention) by grade 3 kids or else it will defeat the purpose of creating this pop-up book-suitable subject for kids at this age-something that will attract attention

4. The pop-up book must include at least some or even most of the answers of the survey to make sure the pop-up book will attract the target market-base story on what kids at this age enjoy

5. The pop-up book must be easy to use(flaps sturdy and not fragile/easy to rip) has to be durable

6. The pop-up book must include a little writing with a lot more pop-up drawings to show the story

Indicate which level you think you have achieved by using a highlighter.

A Inquiring & Analysing iiii	The student **does not** reach a standard described by any of the descriptors.	I developed a basic design brief which outlined some of the main findings of my research	I developed a basic design brief which outlines some of my relevant research	I developed a design brief which outlines the findings of my relevant research	I developed a design brief which presents the analysis of my relevant research

Task 4: Write design specifications

Using your research so far, write a list of criteria under the headings that best suit what your solution must be like or must do.

Aesthetics: *What will you do to make your popup book look good? Front cover? Inspiration?*

My pop-up book will be based on the survey that I created to make sure this pop-up book is made to exactly suit my target market's interests. Since I got 2 completely different answers for the girls and boys, I decided to narrow this down to grade 3 girl's interests.In terms of aesthetics, the key to make my pop-up book look good from back to front cover is the correct use of color to attract the target audience. After the survey, I learnt that my target audience prefers lighter, brighter and happier colors meaning I have to limit my use of darker colors as well as very colorful and happy covers.	✔✔✔✔ ✔✔✔✔

Location: *Where will your story be set? What should appear in the background to help set the scene?*
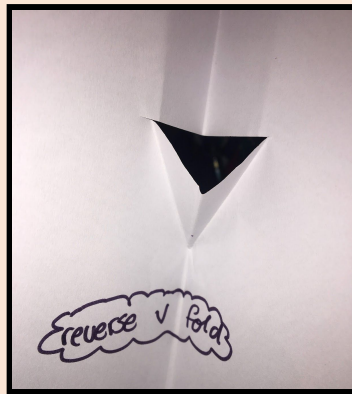
After the survey, I realized that my pop-up book must be based on a fairy tail to make the target market want to read it. My location will be set in a castle which is where most fairytale stories are set. To help grab the target market's attention, I need to showcase clearly what my pop-up book is about. The cover must include the setting of this story as well as a garden, a princess and flowers in the background to help clearly show where this story takes place and what the story is even about.	✔✔✔✔ ✔✔✔

Ergonomics/Social and Moral Specifications: *What will you do to make your story easy to read? How can you make the text stand out? What size do you intend to make the book and why? Think about what makes the topic, language style, illustrations and word use appropriate for you audience. Make a rules list of these things for you to follow when making your book.*
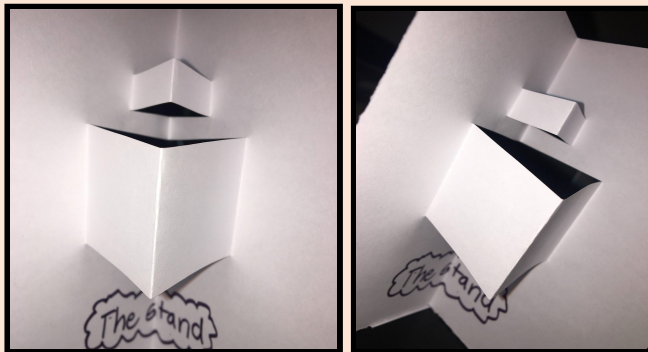
In term of ergonomics and social and moral specifications, there are lots of things to consider such as the text size,font,color, the actual size of the pop-up book,appropriate illustrations for target market and the language style. According to my survey, my target audience find a book more enjoyable when there are more pictures than small texts and easily get uninterested when there are too many words to read which is why I need to use big, clear fonts with a few words to label objects. Colors like red, orange and blue for texts are going to be used the most since they stand out the most. The pop-up book itself should be small enough and light enough to be carried around and put in a purse(not to big and not to small). The language used should be very kids friendly and simple (the "*what's inside something* or *how things work"* theme does not require much writing and mostly labelings and drawings).	✔✔✔✔ ✔✔✔✔ ✔

Function: *What method of popup will you use? Show images of your practice samples. Remember to name them and to explain how they might be useful.*
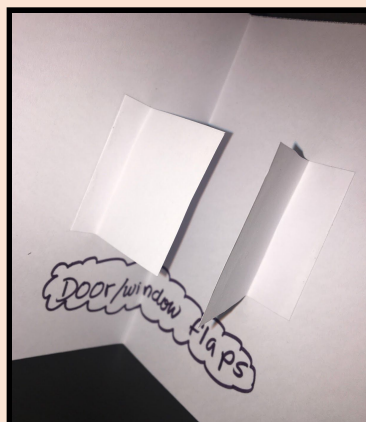
Method of popups:	✔✔✔✔ ✔✔✔✔

This is the first technique of pop-up that I experimented with. This first pop-up technique is called the reverse v fold. I created this fold by first folding a piece of paper in half and cutting a slit in between. Then, I started folding the creases inwards to create a 3D affect. However, This many not be able to use this popup technique because it does not suit my theme and my idea for my pop-up story. But this reverse v fold could be used in a pop-up book for a mouth for a frog,dinosaur or any other type of imaginary creature which is not what I will do for my pop-up book. Instead, folds like the stand,door/window flaps and those type of folds may be more useful.
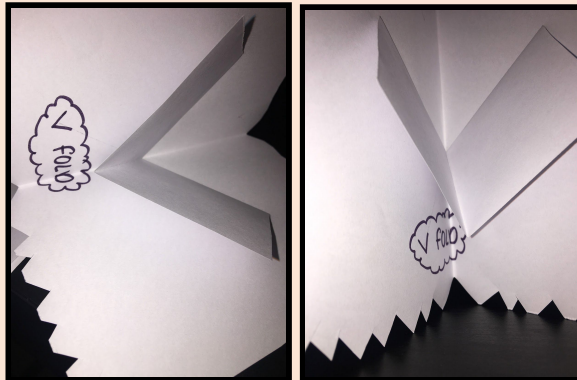

Thisi next popup technique is called the stand. This popup is very easy to create. First,I folded a piece of paper in half and cut 2 slits opposite each other. Then, I started folding those slits to create creases to all 3 sides just like I did for the reverse v fold. This Popup technique is very useful and will be used a lot in my final popup book not only because of how easy it is to create, but also because I can create many things to do with castles with this fold such as a box or I could even cut this stand in the middle to form a door or window.
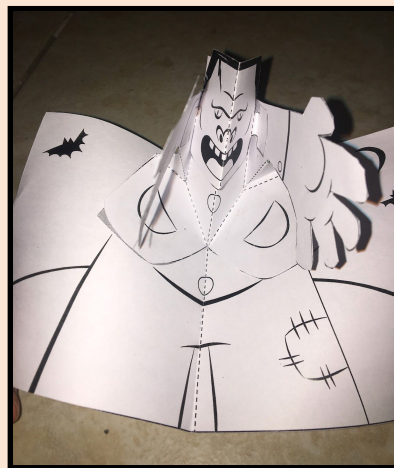
✔✔✔✔✔✔✔✔✔✔

This pop-up technique is called the door/window flaps which is used to create any windows,doors and any other opening. This will be very useful and suitable for my "*what's inside something* or *how*

things work" theme. This could either be created by doing a stand popup and cutting through the middle or by cutting 2 squares out of paper, folding one end and gluing it down onto a folded piece of paper. The first option is better as it is more durable then the second option because the second option has flaps glued onto the paper meaning that it would be easier to tare or fall of after it is being used too much by younger ages especially if the gule is not strong enough.✔✔✔✔✔✔✔✔✔

The final popup technique is the v fold, similar to the reverse fold but it was made differently. This fold is created by drawing on a piece of paper, creating a triangle edge on one side and cutting them up. Then, glue those triangle edged rectangles onto a folded piece of paper at whatever angle you would like for different uses. The good thing about this fold is that it could be used as different things depending on the angle. ✔✔✔✔✔✔
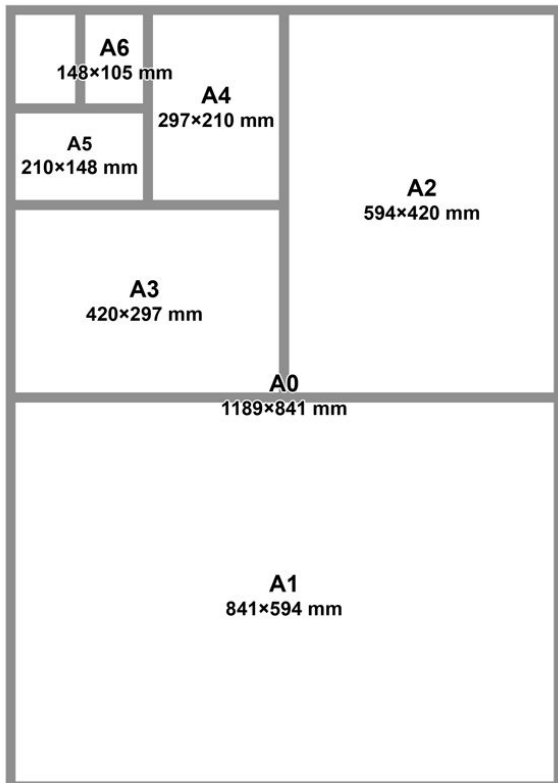

This pop-up required many popup techniques/folds such as the mountain and valley folds. Mountain folds are folds which are folded upwards and valley fold are folds which are folded inwards to create a v shape inwards when unfolded. This pop up was created by cutting the body template with an exacto knife on a cutting board to prevent damaging the surface of tables. Then,folding the creases into either a mountain or valley fold across the dotted lines. Next, the feet of the frankenstein is glued to where the shaded shapes are on the other part of the frankenstein. The head is cut out separately also using an exacto knife and then glued from the sides onto the rest of the body. Mountain and valley folds used together create a 3 dimensional look/perspective of the pop-up which could be useful when trying to create a 3D effect.✔✔✔✔✔✔✔✔✔✔✔✔

B Developing Ideas i	The student **does not** reach a standard described by any of the descriptors	I listed a few basic criteria that my designs must follow	I constructed a list of success criteria that my designs must follow	I developed design specifications that identify the criteria that my designs must follow to be successful	I developed design specifications that outlined the criteria that my designs must follow to be successful, based on the information collected to this point

Paper and Card Theory 1

Paper comes in many different sizes. The most commonly used ones are classified in the "A" series, e.g. those given on this page are prefixed by the letter A. They are mostly used for technical drawing and are based on the A0 size which has a 1m squared area. The smaller sizes fit within the A0 size, i.e. 2 x A1 sheets = A0

The thickness of a paper can be measured scientifically in units called "microns". However, the thickness is more often recorded using grammages. These indicate the weight in grams of one square metre (sometimes written as gsm) of the paper concerned. Photocopy paper and printer paper are usually 80gsm.

A3 is the best size for most technical drawings and for your course work.

A6
148×105 mm

A4
297×210 mm

A5
210×148 mm

A2
594×420 mm

A3
420×297 mm

A0
1189×841 mm

A1
841×594 mm

Paper and Card Theory 2

It is important to choose the correct type of paper and board to achieve the best quality finish. Papers come in various weights as well as sizes. For example a particular paper may be 100 grams per metre squared (gm^2 or gms). This refers to the weight of one square metre.

Anything over 200 gms is classified as board.

Tracing Paper Transparent, hard and strong, its translucency makes it suitable for tracing fine details, drawn with fine lines. Its strength makes it easy to scrape off errors using a scalpel. Used for working drawings.		**Cartridge paper / photocopy paper** Good quality surface for pencils, pens and markers. The soft surface can be used with crayons, pastels, inks, watercolours and gouache. Used for design drawings, sketching and for good quality marker pen presentations.
Corrugated Card Two more layers of card with fluted inner section to add strength with very little increase in weight. Used for packaging objects which need protection during transportation.		**Layout Paper – 'Detail Paper'** A thin, fairly transparent white paper which provides a cheap medium for designers to use for visualising a project or design. Used in preparation of final ideas to trace images.
Bleed-proof Paper Has similar qualities to cartridge paper but specifically good at isolating water-based paints and pens so they don't run into areas where you don't want them. Used in high quality presentations.		**Sugar Paper** Coloured paper which has contrasting colours for use in tonal drawings. Different weights and textures are available for different activities. Used for display work and for mounting drawings, posters etc. but fades in sunlight.
White Board This is a strong medium who's surface has been bleached to provide an excellent surface for printing. Used for good quality packaging and book covers.		**Ink-jet Card** This type of card is treated so it can pass through inkjet printers. Used to achieve high quality print finishes.
Duplex Board This provides a less expensive alternative to white board and also a different texture for printing. Used mainly in food packaging since recycled material cannot be used for this purpose.		**Cardboard** This is a cheap, recyclable, stiff board with a good surface to print onto. Used for packaging, boxes and cartons.
Isometric Paper A ready printed sheet with lines already set at 30^0 / 60^0 and 90^0 lines. Used for isometric projections.		**Grid Paper** A ready-printed sheet with lines vertically and horizontally to help draw working drawings (orthographic projections). The grids are measured in millimetres. Used for working drawings.

Paper and Card Questions

Fill in the blank coloured boxes with the correct relevant statement.

Paper type	Paper description	Paper uses	GSM
Tracing paper	Made with low opacity to allow light to pass through it✔	Used for working drawings.	60/90 gsm
Layout paper	Thin transparent paper with a smooth surface. Used for sketching and developing ideas. It is translucent so ideas can be traced and altered. However layout paper is looked at as a cheaper medium.	Used for the preparation of final ideas and is used for tracing usually.✔	50 gsm
Cartridge paper✔	It is more expensive than copier paper. It is creamy white paper, slight texture usually.	Used for drawing but can be used with paint as it has a good quality surface for pens, pencils and markers. It can also be used with water-colours, pastels, crayons, inks and gouache.	120-150 gsm
Photocopier paper	Fairly cheap when bought in bulk and is available in a range of colours. It is also used for photocopying and inkjet printing usually.	Used for drawing but can be used with paint as it has a good quality surface for pens, pencils and markers. It can also be used with watercolours, pastels, crayons, inks and gouache.✔	80 gsm
Corrugated card✔	Contains two or more layers of card with interlacing fluted inner section. The fluted inner section adds strength to the card without a huge increase within its weight.	Used for packing items that need protecting during shipping.	250+ gsm
Bleed proof paper	Paper that prevents water based paints and pens to bleed through run into areas where you don't want them✔	Used in for important presentations where quality is needed.	120-150 gsm

Paper type	Paper description	Paper uses	GSM
Sugar paper	Sugar paper is coloured paper which comes in contrasting colours it is mainly used for tonal drawings. Various weights and textures are available for different tasks.	Used for display work and mounting drawings, however it will fade in sunlight over time.✔	100 gsm

White board✔	Whiteboard is a strong medium it is bleached so it provides a good surface for printing.	Used for good quality packaging and book covers.	200 - 400 gsm
Duplex board	Made up of two layers such as waste paper pulp used for packaging purposes✔	Used in food packaging as recycled materials cannot be used for this purpose.	230 - 420 gsm
Ink-jet card	Ink-jet card is treated so that it can go through all types of inkjet printers.	Used for high quality print finishes on inkjet printers only.✔	120 - 280 gsm
Cardboard	Cardboard is a cheap, recyclable, stiff board which has a good surface to print onto.	Used for packaging, boxes and cartons.✔	125 - 300 gsm
Isometric paper	Grid paper used to draw 3D figures. (60 degrees grid of equilateral triangles arranged in groups of six to make hexagons)✔	Used as an aid for isometric drawings.	80 - 100 gsm

Task 5 Construct popup examples

Use the following guides to explore how to make different popup examples. Keep a record of your work.

http://extremecards.blogspot.com/p/pop-up-lessons-how-to-books.html

http://www.wikihow.com/Make-a-Pop-up-Book

Task 6: Make a greeting Card

Create a greeting card for a friend.
- You must try at least **3 different popup** techniques.
- You will need to experiment with **different types of paper** for this card.
- After your exploration, you will decide on the best material and technique for the creation of this card.
- We may have two lessons to complete your card depending on time available.
- You can continue to work on this card at home.

TIP: http://www.extremepapercrafting.com/p/pop-up-lessons-how-to-books.html

Use your phone to put a Photograph of your card here…

✔✔✔✔

Evaluation of techniques and material

Answer ALL the questions and write in paragraphs for each question. No 'yes' or 'no' answers.

Material

What materials did you use to create your greeting card?

For this pop-up birthday card, the materials that I have used are white card paper for the card's base where I cut my stand pop-ups and glued why flap pop-up on, different sized and colored paper strips for the cake design on all 3 layers, a sheet of pink paper which was glued at the back of the the top right corner to show color underneath the pop-up when it is opened up, a glue stick to glue the colorful strips of paper down on each layer, a pair of scissors to cut the slits for my pop-ups and cut out the "happy birthday to you".✔✔✔✔✔

What cutting equipment did you use?

The only cutting equipment that I used for this was a pair of scissors to cut the slits of the stand pop-up, cut out the "happy birthday to you" paper and to cut the edges of the white card paper for extra decor. Especially with this type of paper, a pair of scissors is strong enough to cut through card paper as it is not as hard as a white board which requires a table saw which is way sharper and stronger but at the same time not as thin as bleedproof paper which easily rips off. ✔✔✔✔

You used 2 different types of paper in this experimentation. Which type of paper was more effective? Explain why.

I used card paper and a regular sheet of A4 paper for this experiment. After this experimentation, I have concluded that card paper is more effective in many ways. The main problem which occurs in a regular sheet of paper and not while using card paper is durability. A regular sheet of paper is very light, fragile and not very durable as it is most likely to fold easily, crumble up and rip unlike card paper which is slightly heavier and more durable as it is thicker but still not too thick to work with and cut through it with a regular pair of scissor. ✔✔✔✔✔

What points do you have to take into consideration in the creation of your pop-up book with regards to paper quality?

The main point that I have to consider in creation of my pop-up book with regards to paper quality is the durability because different types of paper are more durable than the other especially regarding my young target markets. The paper durability is very important as it link to other points like binding which requires to have high quality and durable paper to have proper and strong binding suitable for such a young target market. When I start creating folds and creases, the types of paper used becomes important because different types of paper weigh differently so if the cover of the paper is made up of paper too weak and light and then heavier paper is glued onto it, the pop-up will rip and damage easily.✔✔✔✔✔✔

Techniques

Where did you find out about the cutting technique?

I found out about the cutting techniques in
http://www.technologystudent.com/designpro/popup1.htm ✔

Did you find it useful?

This website is very useful as it showcases many types of pop-up techniques with pictures and animation to help explain it step by step. The explanations and steps where very clear and useful as it helped me experiment with different types of folds before doing my birthday card such as the stand, v-folds and many more. All pop-up techniques were very varied and different from the other and all was explained in a clear way which are the stand, v-fold, door/window flaps and the reverse v fold which all require slightly different steps.✔✔✔

How many techniques did you try/progress in terms of the technique

The most simple technique which I decided to use for my final birthday card was the stand not only because it is the most simple one with this one fold, so many things could be done such as a shape, letter or a specific design. However, I did use the window/door flap for the text instead because there were too many letters and it would be very hard to create a pop-up for each one especially with the amount of space left in the bottom of the card.✔✔✔✔

Describe each technique

Stand: This popup technique is called the stand. This popup is very easy to create. First,I folded a piece of paper in half and cut 2 slits opposite each other. Then, I started folding those slits to create creases to all 3 sides just like I did for the reverse v fold. This Popup technique is very useful and will be used a lot in my final popup book not only because of how easy it is to create, but also because I can create many things to do with castles with this fold such

as a box or I could even cut this stand in the middle to form a door or window.✔✔✔✔

Door/window flaps: This pop-up technique is called the door/window flaps which is used to create any windows,doors and any other opening. This will be very useful and suitable for my "*what's inside something* or *how things work"* theme. This could either be created by doing a stand popup and cutting through the middle or by cutting 2 squares out of paper, folding one end and gluing it down onto a folded piece of paper. The first option is better as it is more durable then the second option because the second option has flaps glued onto the paper meaning that it would be easier to tare or fall of after it is being used too much by younger ages especially if the gule is not strong enough.✔✔✔✔✔

<mark>Indicate which level you think you have achieved by using a highlighter.</mark>

B Developing Ideas ii	The student **does not** reach a standard described by any of the descriptors	I presented **1** design which others can understand	I presented **2** design ideas using an appropriate medium or using annotation to explain the key features, which others can understand	I presented **3/4** ideas using an appropriate medium as well as annotation to explain the key features, which others can understand	I presented **5 or more** ideas using an appropriate medium as well as annotation to which can be correctly interpreted by others

Task 10 Assessment Reflection

Investigate   Design   Plan   Create   Evaluate   Attitudes in Design

What are the strengths of your pop-up book design and How could you improve on your design and creation of the pop-up book?

During this rotation, the theme given was "*what's inside something* or *how things work*". ✔During the making of my pop-up, I faced strengths as well as some challenges along the way and came up with ways of improving my pop-up book for next time. ✔My main strength which helped me complete a successful pop-up that I am very proud of was my time management skills and my dedication towards this project✔. I did this with the help of my work blog.✔ I found the work blog a very useful tool to keep me on track and on task✔.As shown in part C, I always made sure to update my work blog to make sure that I complete my goal before setting another.✔ It also helped me reflect on how much work I did each time and setting high goals for myself made me more organized and aware of what I must complete to be able to prevent from falling behind✔. Dedicating time outside school hours also helped majorly as it gave me more time to focus on accomplishing my goals.✔ Another thing which made me very proud of my final pop-up book was having the specifications open in front to help guide me towards the right direction.✔ I made sure to add every element from the specification somewhere on each page.✔ For example:*1.* My pop-up book will be based on the survey that I created to make sure this pop-up book is made to exactly suit my target market's interests.✔✔

*2.*My pop-up must include the setting of this story as well as a garden.✔ *3.* Must include characters such as a princess/guards (in all pages)✔ 4.to help clearly show where this story takes place and what the story is even about→ garden,flowers✔ 5. Must use colors like red, orange and blue for texts → used the most since they stand out✔ 6.The language used must be very kid friendly and simple (the "*what's inside something* or *how things work*" theme does not require much writing... (found in part B booklet)✔✔
The Story boards were also very useful as it outlined roughly where things should go in each page, making sure I add all of the main elements on the page, then moving around, changing and adding some parts.✔✔ All these helped me face all challenges that I might have faced throughout the making of the pop-up book.✔✔ If I had more time to work on my pop-up book, I would add a more interesting ending and conclude the story well at the end instead of just leaving the raeders confused.✔✔ Instead, I would like to leave them wondering about the end rather than just confused.✔ For example, since all of my pop-ups open to a black background which leads to the next page, I thought that it would be fitting to stick a black sheet of paper to white card with a black pop-up question mark, indicating that the rest is a mystery and it is up to the readers to imagine what the next page could be.✔✔✔

Which Learner Profiles have you displayed through working on this unit? How?

During this unit, I have demonstrated and displayed some learner profiles through my work this unit.✔ I was mostly a thinker, as I would always think about new and different ways to develop a simple stand pop-up and turning it into all these different types of doors, each one with its unique design.✔✔✔ I was able to come up with a different way of constructing each one for each page. ✔I was also empathetic as I would always think of my target market and their preferences as well as their limited reading abilities and understanding complicated vocabulary.✔✔ I did that with the help of having my specifications open in front of me (as stated in my work blog) while constructing the pop-up and thinking about ideas for my story board.✔✔ The specifications had a summary of my survey which included all the thing is needed to know on what to include and not include in my pop-up.✔✔ I also made sure to reflect on the use of my specification and how I helped me in my work blog. ✔I also was a communicator as I always asked my teacher on how I could improve, to get higher marks and also about anything else that I was unsure about.

> ✔✔Communicating with my classmates also helped me develop and build on new ideas for my story board. ✔

Storytelling is an art translated best through visuals.

Now that you have completed this unit of work, what are your thoughts about this statement of inquiry?

The statement of inquiry "Storytelling is an art translated best through visuals" in my opinion directly relates to the target market of the pop-up book because the general thing that I tried to do is to find the best way to translate the idea and theme of my story through visuals rather than words, as stated in my specifications: *1.*✔✔✔ I must use big, clear fonts with a few words to label objects because my target audience find a book more enjoyable when there are more pictures than small texts✔ *2.* easily get uninterested when there are too many words to read✔ *3.* The language used must be very kids friendly and simple (the "*what's inside something* or *how things work*" theme does not require much writing and mostly labelings and drawings)✔✔ *4.* to help clearly show where this story takes place and what the story is about: garden,flowers through visuals (imagery) After observing the data I recorded from the grade 3 survey (found in part A booklet(question 6 and 7 from survey)) ✔✔, I realized that the best way to tell my story is through visuals.✔ This means that the grade 3 prefered to look at stories through the visual point of view rather than large texts.✔ Small amount of text is also more appropriate for my target market since they have limited reading and vocabulary skills.✔

	Question	Student 1 (Boy)	Student 2 (Boy)	Student 3 (Girl)	Student 4 (Girl)
	Group 4 Names: Maya, Sarah, Rita.				
1	What types of stories do you enjoy/interested in at this age?	The gruffalo	superman	cinderella	goldilucks
2	What are your favorite colors-bright and happy or darker shades?	blue,green-happy	brown,orange-both	purple-happy	yellow-happy
3	What is your favorite childhood stories/theme?	superhero	sports-competition	romance	superhero
4	What are your favourite words to describe people or items?	strong	nice	pretty	funny
5	What topic exites you the most?	funny stories	animal story	happy stories	funny story
6	Which topics bores you?/when you see a book/what makes you uninterested	boring colors	a lot of words	not many illustrations	ugly cover
7	When you see a book what makes you want to read it?	when the cover is nice/bright colors and fun	a lot of pictures	a lot of pictures	nice pictures

Grade 7 Survey Sheet for Popup Books