Initial Brief

The Chemistry standard 2.5 (Organic Chemistry) is not being taught at Katikati College. However, some students would still like to complete this paper for NCEA so information must be provided.

Specifications
- Meets the brief requirements
- Meets the requirements of the stakeholders
- Meets legal and ethical requirements
- Is completed on time
- Is easy to use
- Has a chapter layout
- Contains a glossary
- Is enjoyable for the target audience to use
- All of the information is to be accurate
- Contains a layout carried throughout the entire project for continuality

Brief V2

The Chemistry standard 2.5 (Describe the formulae and reactions of compounds containing selected organic functional groups) is not being taught at Katikati College. However, some students would still like to complete this paper for NCEA so information must be provided.

Specifications
- Meets all of the brief requirements of this brief
- Meets the requirements of the stakeholders
- Meets legal requirements
- Meets ethical requirements
- Is completed on time
- Is easy to use
- Has a chapter layout
- Contains a glossary of chemistry related words that have used throughout the entire project
- Is enjoyable for the target audience to use
- All of the information is to be accurate
- Contains a layout carried throughout the entire project for continuality
- Uses the same colours throughout
- Is created in Flash
- Works on both PCs and Macs

Brief V3

The Chemistry standard 2.5 (Describe the formulae and reactions of compounds containing selected organic functional groups) is not being taught at Katikati College. However, some students would still like to complete this paper for NCEA so information must be provided.

Specifications
- Meets all of the brief requirements of the brief
- Meets the requirements of the stakeholders
- There is to be no offensive language or material of any sought
- There is to be nothing that breaks copyright laws; if material has been used that contains a copyright, permission to use it must be obtained
- It must be completely finished on the given time
- Has a homepage that contains buttons that lead to a start course, chapters and glossary pages
- Has a character that leads you through the course. It will look like a scientist
- All information that appears to be spoken by the character will also be in audio with a stop button that stops it instantly, and a play button that plays the audio from the start
- Has a chapter index in which you can choose which chapter to go straight to
- Contains a glossary of chemistry related words that are used throughout the entire project
- All of the buttons are to be plain white with red writing and a red glow when they are rolled over by the mouse. The only exception is to be the home button which will have gray writing and a gray glow when rolled over
- Every page other than the homepage itself is to have a home button located in the top right hand corner.
- All of the information is to be one hundred percent accurate
- Contains a layout carried throughout the entire project for continuality
- Uses the same colours throughout
- Is created in Flash
- Works on both PCs and Macs

Brief V4

The Chemistry standard 2.5 (Describe the formulae and reactions of compounds containing selected organic functional groups) is not being taught at Katikati College. However, some students would still like to complete this paper for NCEA so information must be provided.

Specifications
- Meets all of the brief requirements of the brief
- Meets the requirements of the stakeholders
- There is to be no offensive language or material of any sought
- There is to be nothing that breaks copyright laws; if material has been used that contains a copyright, permission to use it must be obtained
- It must be completely finished on the given time
- Has a short alpha fade in to reveal the homepage
- Has a homepage that contains buttons that lead to a start course, chapters and glossary pages
- Has a character that leads you through the course. It must resemble a stereotypical scientist
- All information that appears to be spoken by the character will also be in audio form, with a stop button that stops it instantly, and a play button that plays the audio from the start
- When the information comes from the character, it will appear in a speech bubble that emerges from his mouth and enlarges to readable size
- The start button will take you through the chapters in logical order
- Has a chapter index in which you can choose which of the 11 chapters to go straight to. The 11 chapters are to be
    1. Alkanes
    2. Structural Isomers and naming Alkanes
    3. Sources, physical properties and reactions of Alkanes
    4. Alkenes and Alkynes
    5. Reactions of Alkenes (addition and Polymerisation) and tests for Alkenes
    6. Preparation of Ethene and Ethyne; Alcohols
    7. Preparation and reactions of Alcohols
    8. Carboxylic Acids and their properties
    9. Esters
    10. Hydrolysis of Esters, Fats and Oils
    11. Soaps
- Each chapter is to be between 2 - 3 pages long and at the end of each one there will be 2 pages of multi-choice questions about what was taught in that chapter
- The questions are to have 4 answers. Each will take you to a new page and will explain either why that answer was wrong or right. There will also be a link back so that you can try again.
- Contains a glossary of chemistry related words that are used throughout the entire project

- The glossary is to be divided up into six pages containing the following letters on each page: 1 - A-D, 2 - E-H, 3 - I-L, 4 - M-P, 5 - Q-U, and 6 - V-Z
- All of the buttons are to be plain white with red writing and a red glow when they are rolled over by the mouse. The only exception is to be the home button which will have gray writing and a gray glow when rolled over
- Every page other than the homepage itself is to have a home button located in the top right hand corner.
- The main title on each page is to be centre aligned
- All of the information is to be one hundred percent accurate
- Is created in Flash
- Works on both PCs and Macs

Brief V5

The Chemistry standard 2.5 (Describe the formulae and reactions of compounds containing selected organic functional groups) is not being taught at Katikati College. However, some students would still like to complete this paper for NCEA so information must be provided.

Specifications
- Meets all of the requirements of the brief
- Meets the requirements of the stakeholders
- There is to be no offensive language or material of any sought
- There is to be nothing that breaks copyright laws; if material has been used that contains a copyright, permission to use it must be obtained
- It must be completely finished on the given time
- Has a short alpha fade in to reveal the homepage
- Has a homepage that contains buttons that lead to a start course, chapters and glossary pages
- Has a character that leads you through the course. It must resemble a stereotypical scientist
- All information that appears to be spoken by the character will also be in audio form, with a stop button that stops it instantly, and a play button that plays the audio from the start
- When the information comes from the character, it will appear in a speech bubble that emerges from his mouth and enlarges to readable size
- The start button will take you through the chapters in logical order
- Has a chapter index in which you can choose which of the 11 chapters to go straight to. The 11 chapters are to be
    1. Alkanes
    2. Structural Isomers, naming Alkanes
    3. Sources, properties, reactions of Alkanes
    4. Alkenes and Alkynes
    5. Reactions and tests for Alkenes
    6. Preparation of Ethene and Ethyne
    7. Preparation and reactions of Alcohols
    8. Carboxylic Acids and their properties
    9. Esters
    10. Hydrolysis of Esters, Fats and Oils
    11. Soaps
- Each chapter is to be between 2 - 3 pages long and at the end of each one there will be 2 pages of multi-choice questions about what was taught in that chapter
- Each page in the chapter will have a next and a back button to allow you to travel between pages. The only exceptions to this are the first page of chapter 1 which will not have a back button, and the last page of chapter 11, which will have no next button

- The questions are to have 4 answers. Each will take you to a new page and will explain either why that answer was wrong or right. There will also be a link back so that you can try again.
- Contains a glossary of chemistry related words that are used throughout the entire project
- The glossary is to be divided up into six pages containing the following letters on each page: 1 - A-D, 2 - E-H, 3 - I-L, 4 - M-P, 5 - Q-U, and 6 - V-Z
- All of the buttons are to be plain white with red writing and a red glow when they are rolled over by the mouse. The only exception is to be the home button which will have grey writing and a grey glow when rolled over
- Every page other than the homepage itself is to have a home button located in the top right hand corner.
- The main title on each page is to be centre aligned
- All of the information is to be one hundred percent accurate
- The fonts for all of the main titles is to be Monotype Corsiva
- The fonts for all of the information, buttons, and speech bubbles is to be Arial
- Is to be created in Flash
- Must work on both PCs and Macs

Final Brief

The Chemistry standard 2.5 (Describe the formulae and reactions of compounds containing selected organic functional groups) is not being taught at Katikati College. However, some students would still like to complete this paper for NCEA so information must be provided.

Specifications
- There is to be no offensive language or material of any sought
- There is to be nothing that breaks copyright laws; if material has been used that contains a copyright, permission to use it must be obtained
- It must be completely finished on the given time
- Has a short alpha fade in to reveal the homepage
- Has a homepage that contains buttons that lead to a start course, chapters and glossary pages
- Has a character that leads you through the course. It must resemble a stereotypical scientist
- The character will appear on the homepage, the chapters page, the glossary page, and the first page of each chapter
- On the homepage the character will be in the centre of the page. On all of the other pages that he is on, he will be on the left hand side
- The information on the homepage, the glossary and the chapters page will appear to be spoken by the character and will also be in audio form, with a stop button that stops it instantly, and a play button that plays the audio from the start
- When the information comes from the character, it will appear in a speech bubble that emerges from his mouth and enlarges to readable size
- The start button will take you through the chapters in logical order
- Has a chapter index in which you can choose which of the 11 chapters to go straight to. The 11 chapters are to be
    1. Alkanes
    2. Structural Isomers, naming Alkanes
    3. Sources, properties, reactions of Alkanes
    4. Alkenes and Alkynes
    5. Reactions and tests for Alkenes
    6. Preparation of Ethene and Ethyne
    7. Preparation and reactions of Alcohols
    8. Carboxylic Acids and their properties
    9. Esters
    10. Hydrolysis of Esters, Fats and Oils
    11. Soaps
- Each chapter is to be between 2 - 3 pages long and at the end of each one there will be 2 pages of multi-choice questions about what was taught in that chapter. Each page is to have 4 questions, making 8 questions per chapter

- Each page in the chapter will have a next and a back button to allow you to travel between pages. The only exceptions to this are the first page of chapter 1 which will not have a back button, and the last page of chapter 11, which will have no next button
- The second quiz page of each chapter is to have a button that is located in the bottom middle that will take you back to the start of that chapter called start of chapter. Also, instead of saying next, the next button will say next chapter
- The questions are to each have 4 answers. Each will take you to a new page and will explain either why that answer was wrong or right. There will also be a link back so that you can try again.
- Once you have clicked on an answer, when you go back to the quiz page that answer will be a different colour. Grey if you got it wrong and red if you got the question right
- Contains a glossary of chemistry related words that are used throughout the entire project
- The glossary is to be divided up into six pages containing the following letters on each page: 1 - A-D, 2 - E-H, 3 - I-L, 4 - M-P, 5 - Q-U, and 6 - V-Z
- All of the buttons are to be plain white with red writing and a red glow when they are rolled over by the mouse. The only exception is to be the home button which will have grey writing and a grey glow when rolled over
- Every page other than the homepage itself is to have a home button located in the top right hand corner.
- The main title on each page is to be centre aligned
- All of the pages are to have white backgrounds
- All of the information is to be one hundred percent accurate
- The fonts for all of the main titles is to be Monotype Corsiva
- The fonts for all of the information, buttons, and speech bubbles is to be Arial
- Is to be created in Flash
- The size of the stage is to be 550 x 400 pixels
- Must work on both PCs and Macs