

## KS3 Computer Science Assessment Exemplars

Year Group	Description of Work
7	<p>This is a Cyber Bullying project where students plan, create and then evaluate a cyberbullying poster for a younger audience.</p> <p>You will see that the level of detail in the planning and researching improves from developing through to extending. The quality of answers when evaluating is also more detailed as they go from developing through to extending.</p>
8	<p>Control Programming unit. Students are learning about Control Programming and how to put together flowcharts that control real life 'mimics'.</p> <p>Students build skills and knowledge each lesson and then evidence all of their work into a PowerPoint presentation and annotate to explain what they have done and why.</p> <p>Students also look at how computers contribute and complete a homework about this topic.</p> <p>The evidence will include student presentations, any other classwork and activities completed around the topic, the control programming written assessment and a homework.</p>
9	<p>All work is evidence working towards the OCR Entry level qualification and therefore marked against the exam board criteria.</p> <p>There are three out of the five units evidenced here. <b><u>The exam papers cannot go online</u></b> as they are sat every year so other students can't see them. I have included them so there in an understanding of what the students are working towards.</p> <p>They create their own presentation of the all the skills and knowledge they learn every lesson. The unit here is Computational thinking and programming (CTAP)</p> <p>There is also a programming project that the students need to complete as part of the qualification and the write up of this is also included, The qualification can be passed at three different levels with 3 being the highest.</p>

Dmika crabtree ☺

# Cyberbullying

What is  
Cyberbullying

upset

boy  
picture

How should we stop  
Cyberbullying

Picture  
of cyber-  
bullying



## How I will make my poster suitable for my Audience

- **Informative**

I will make my poster informative by .....

Adding in trusted and verified information

- **Eye-Catching**

I will make my poster eye-catching by.....

Adding colour

Adding pictures

And adding eye-catching tilde

- **Well-Designed**

To make sure my poster is well designed, I will.....

- **Suitable for Audience**

To make my poster suitable for year 6s I will....

- **Balance of Pictures and Words**

I will achieve a good balance of pictures and words by.....

- **Which software?**

I have chosen to use xxxxxxx for my poster, because....

**Give at least 3 examples for each step**



## Cyberbullying: [



What is cyberbullying?

Cyberbullying is when someone gets bullied online, this is normally targeted at young teens, and this leaves them very sad.



How can we stop it?



We can stop it by thinking before you say something online and make sure not to be mean.

# Evaluating your Cyberbullying Poster

When you have finished creating your cyberbullying poster you will need to write about what you have done, how you created your poster and any improvements that could be made.

What software did you use to create the poster?

word

Why did you choose that software?

Because it is reliable

What tools in the software did you use to create the poster?

Pictures, fonts and designer

Did you make any changes from your original plan? If so what and why?

no

Do you think your poster is suitable for the intended audience? (year 5-6 students)

Please explain why or why not.

Yes because it has suitable for them

Explain why you used the font styles, colours, images, layout etc. of your poster.

Comment on the feedback you received from your reviewers and what you could do to meet their requirements (if you think you should!).

I think I should add more information

Say how **you** think the poster could be improved if you did it again.

More information

What was the trickiest part of this project?

Searching everything up

Say what you think has gone well about creating your poster and what you like about it.

I like the pictures

## How I will make my poster suitable for my Audience

- **Informative**

I will make my poster informative by using my cyber bullying research.

- **Eye-Catching**

I will make my poster eye-catching by using bright colours and put big words on that stand out.

- **Well-Designed**

- To make sure my poster is well designed, I will separate it into boxes.

- **Suitable for Audience**

To make my poster suitable for year 6s I will not use long words or put too much information.

- **Balance of Pictures and Words**

I will achieve a good balance of pictures and words by using my hand drawn poster to know where everything goes.

- **Which software?**

I have chosen to use power point for my poster, because I have used it a lot before.

**Give at least 3**

# Logan B

<p>What picture have you chosen?</p>	<p>Where did you find it? parenta.com</p>	<p>Why is it suitable for your project? Do not know</p>	
--------------------------------------	---	---	--



*e.g. I chose a picture of a child*



--	--	--	--

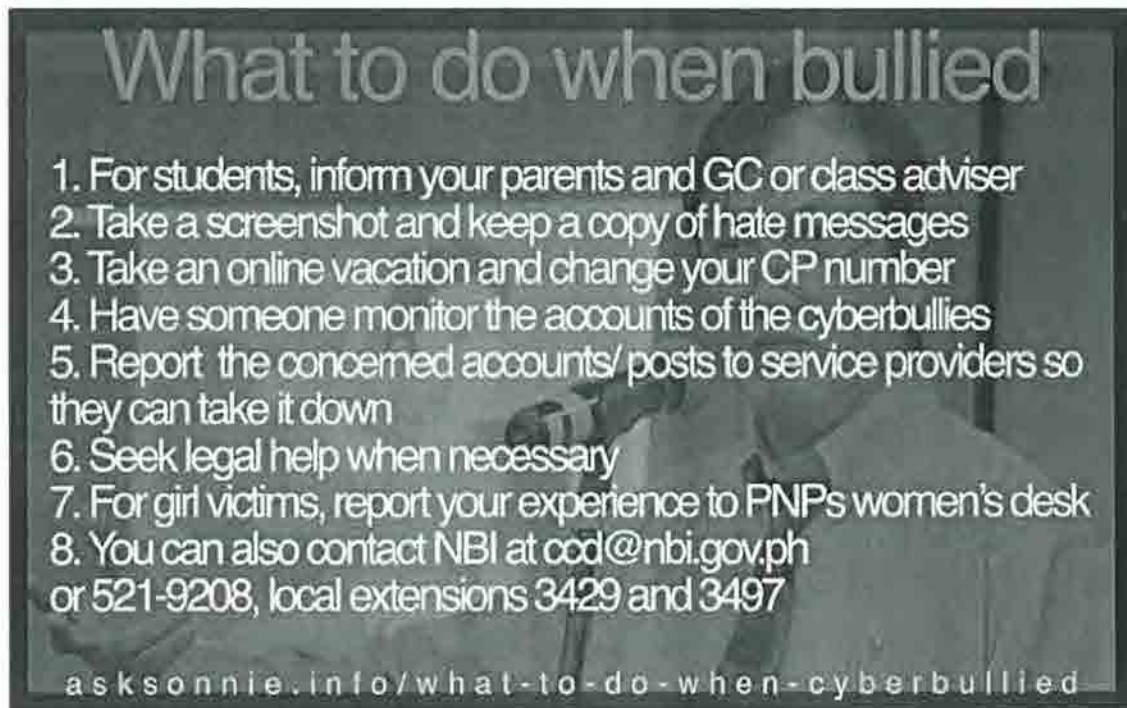


## Research cyber bullying      Logan Boulton

October 2023. Cyber bullying is the misuse of digital technologies or communications to bully a person or a group, typically through messages or actions that are threatening and/or intended to cause offence, anxiety or

Humiliation. To prevent cyber bullying you can delete block or report the person.

A girl got cyber bullied when she got home people were making fun of her on face book about the thing she posted they said it was really old and were saying she is old as a joke to. She said i hate being bullied and she did not cheer up for a whole year after this started happening a lot



**What to do when bullied**

1. For students, inform your parents and GC or class adviser
2. Take a screenshot and keep a copy of hate messages
3. Take an online vacation and change your CP number
4. Have someone monitor the accounts of the cyberbullies
5. Report the concerned accounts/ posts to service providers so they can take it down
6. Seek legal help when necessary
7. For girl victims, report your experience to PNP's women's desk
8. You can also contact NBI at [cod@nbi.gov.ph](mailto:cod@nbi.gov.ph) or 521-9208, local extensions 3429 and 3497

[asksonnie.info/what-to-do-when-cyberbullied](http://asksonnie.info/what-to-do-when-cyberbullied)



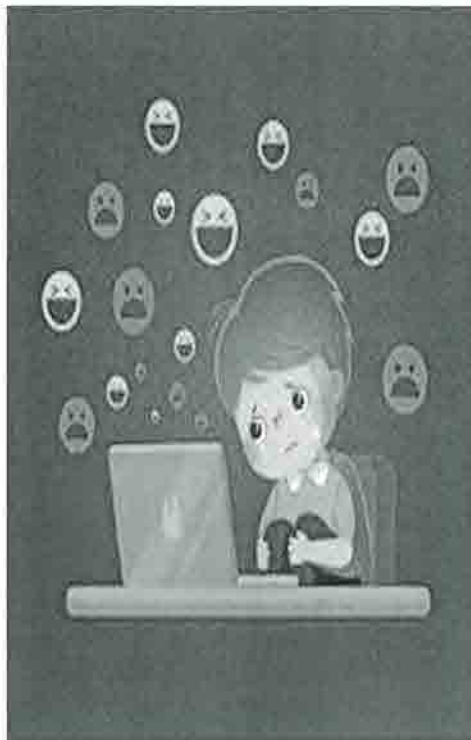


## What is cyber bullying?



### What is cyber bullying

Cyber bullying is online bullying where someone keeps on sending you mean texts video's and photo's. people usually get very sad and embarrassed. Cyber bullying can take part on any sort of texting app like whatsapp social media and Facebook.



An example of cyber bullying is if someone gets a video of you failing with something and someone can share it with everyone. That person usually over exaggerate over the video and then keeps being mean and sending the video.

For more information go to <https://www.childline.org.uk>

# Evaluating your Cyberbullying Poster

When you have finished creating your cyberbullying poster you will need to write about what you have done, how you created your poster and any improvements that could be made.

What software did you use to create the poster?

PowerPoint

Why did you choose that software?

Because I have used it a lot

What tools in the software did you use to create the poster?

I used different font writing.

Did you make any changes from your original plan? If so what and why?

I used a different picture because it linked to cyber bullying more.

Do you think your poster is suitable for the intended audience? (year 5-6 students)  
Please explain why or why not.

I think my poster is ok because people can understand it and the picture is ok.

Explain why you used the font styles, colours, images, layout etc. of your poster.

I used the colours that I did because they were bright.

Comment on the feedback you received from your reviewers and what you could do to meet their requirements (if you think you should!).

I will add more pictures.

Say how **you** think the poster could be improved if you did it again.

Lay it out a bit different.

What was the trickiest part of this project?

Planning it

Say what you think has gone well about creating your poster and what you like about it.

I like how it has a link on it.

Two stars and a wish Name of reviewer: Nate

Please say two things that you like about the poster

- ★ 1) You have explained what cyberbullying is
- ★ 2) Added images

Then say at least one way it could be improved:

- 1) You should explain what to do if you are being cyberbullied

Two stars and a wish Name of reviewer: Danice \_\_\_\_\_

Please say two things that you like about the poster

- ★ 1) Links at the bottom of the page.
- ★ 2) Great arrangement of texts and photos.

Then say at least one way it could be improved:

- 1) Put the stop signs at the same height.

Two stars and a wish Name of reviewer: Mattie \_\_\_\_\_

Please say two things that you like about the poster

- ★ 1) bold text with bright colours
- ★ 2) relevant picture

Then say at least one way it could be improved:

- 1) More interesting font for title

Two stars and a wish Name of reviewer: Ikhlas

Please say two things that you like about the poster

- ★ 1) I like the picture because its interesting.
- ★ 2) I like the colours because without colours it looks very plain.

Then say at least one way it could be improved:

- 1) It could be improved if you add more writing because there are only two paragraphs and they are very short so they are not giving me enough information.

Name *Mattie*

E

# CYBERBULLYING

## • WHAT IS CYBER BULLYING

• cyber bullying is where you...

• Abuse someone online

• Make continuous hurtful comments

• Sites it could happen on

• Games (multiplayer)

• social media

• what to do

• tell a trusted adult

• Screenshot it

• block whoever is bullying you

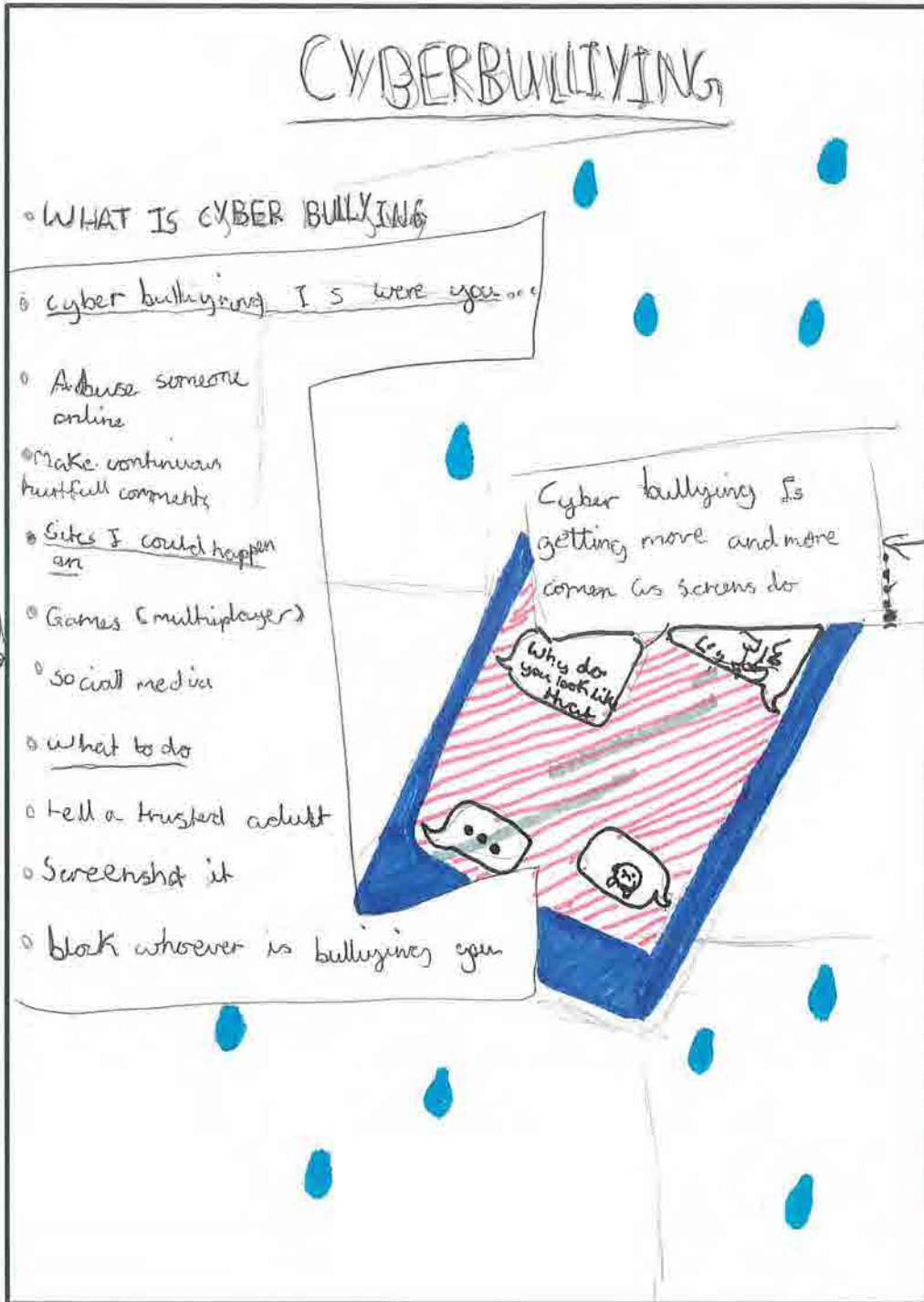
Cyber bullying is getting more and more common as screens do

Why do you look like that

E.g. Joke

• conclusion

Bullet pointed information →



## How I will make my poster suitable for my Audience

- **Informative**

I will make my poster informative by .....using information about what to do if you are being cyberbullied

- **Eye-Catching**

I will make my poster eye-catching by.....using bright colours

- **Well-Designed**

To make sure my poster is well designed, I will.....use a balance of pictures and text

- **Suitable for Audience**

To make my poster suitable for year 6s I will....use language they will understand

- **Balance of Pictures and Words**

I will achieve a good balance of pictures and words by.....using one or two pictures

- **Which software?**

I have chosen to use publisher for my poster, because....it id made for posters

**Give at least 3 examples for each step**



Name: .....

<p>A black and white picture of a crying boy</p>	<p><a href="https://www.google.com/search?q=sad+child&amp;tbn=isch&amp;hl=en-US&amp;safe=active&amp;chips=q:sad+child,g_1:photography:bmdXEAot_k0%3D&amp;rlz=1C1GCEA_enGB1080&amp;sa=X&amp;ved=2ahUKewi2z9iv2ISCAxXtuScCHYtXBv4Q4VYoAHoECAEQKQ&amp;biw=1349&amp;bih=651&amp;url=1#imgrc=scjc8EP9xgTpwm">https://www.google.com/search?q=sad+child&amp;tbn=isch&amp;hl=en-US&amp;safe=active&amp;chips=q:sad+child,g_1:photography:bmdXEAot_k0%3D&amp;rlz=1C1GCEA_enGB1080&amp;sa=X&amp;ved=2ahUKewi2z9iv2ISCAxXtuScCHYtXBv4Q4VYoAHoECAEQKQ&amp;biw=1349&amp;bih=651&amp;url=1#imgrc=scjc8EP9xgTpwm</a></p>	<p>Because it is about cyber bullying and the child is sad as they would be if they had been cyber bullied</p>	<p>Sad child</p>
<p>A girl with her head inbetween her legs crying</p>	<p><a href="https://www.google.com/search?q=sad+child&amp;tbn=isch&amp;hl=en-US&amp;safe=active&amp;chips=q:sad+child,g_1:photography:bmdXEAot_k0%3D,online_chips:child+alone:2e7s7IBE3IY%3D&amp;rlz=1C1GCEA_enGB1080&amp;sa=X&amp;ved=2ahUKewjX4c6z2ISCAxXJY6QEH eLCAEcQ4YoBnoECAEQQA&amp;biw=1349&amp;bih=651&amp;url=1#imgrc=T0t6GAOky378IM">https://www.google.com/search?q=sad+child&amp;tbn=isch&amp;hl=en-US&amp;safe=active&amp;chips=q:sad+child,g_1:photography:bmdXEAot_k0%3D,online_chips:child+alone:2e7s7IBE3IY%3D&amp;rlz=1C1GCEA_enGB1080&amp;sa=X&amp;ved=2ahUKewjX4c6z2ISCAxXJY6QEH eLCAEcQ4YoBnoECAEQQA&amp;biw=1349&amp;bih=651&amp;url=1#imgrc=T0t6GAOky378IM</a></p>	<p>The child is crying</p>	<p>Sad child</p>
<td data-bbox="579 943 802 1021"> <td data-bbox="802 943 1026 1021"> <td data-bbox="1026 943 1249 1021"> </td></td></td>	<td data-bbox="802 943 1026 1021"> <td data-bbox="1026 943 1249 1021"> </td></td>	<td data-bbox="1026 943 1249 1021"> </td>	

1

## Search terms



2



1. Cyber bullying is where someone is being abused online. This can make them feel upset and distressed
2. Gaming sites like fortnite could have cyber bullying. People could be mean on the chat box
3. There is a site right now on face book that is called "Calling all hoes" that seems to be a place for people to write, for all the world to see, any hurtful or sick thought about anyone that they don't like-- Face Book refuses to take the page down... I don't know what to do and I feel that something needs to be done before we are hearing on the news about some poor kid who killed themselves over what's being written about them on this vile site. Help..... Anyone know how I, we, can begin the process of taking this Facebook page down?" " - 17 year-old girl from US
4. you could block them screenshot it and tell an adult. If you screenshot it will be saved for ever just in case they delete it.
5. You can help someone by suggesting some useful websites like child line. You could also support them in telling an adult.

# Cyber bullying

## What is cyberbullying?

When someone is following making hurtful comments or making

You uncomfortable online.

## The steps!

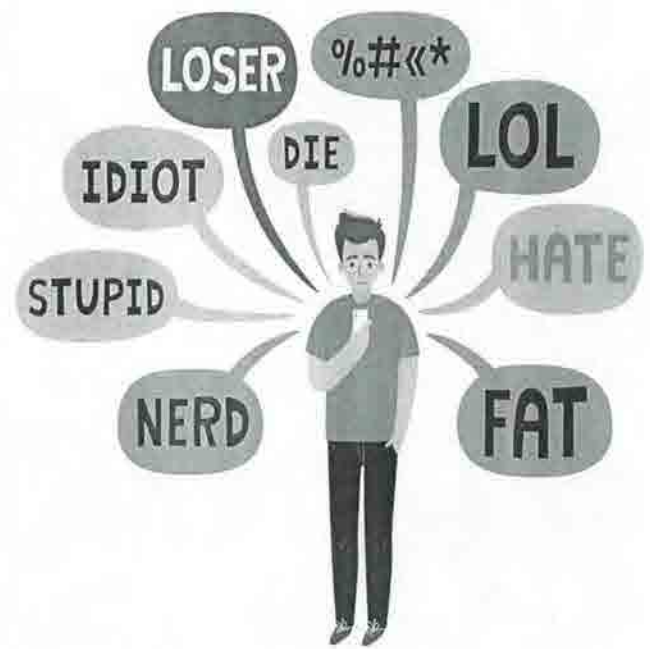
Step 1: Tell someone

Step 2: Don't get involved

Step 3: Keep records of evidence

Step 4: Recognize the signs

Step 5: Hold bullies accountable



You may think you are an expert but just remember to follow these steps to stay safe and never talk to people you don't know online.

A website you can go to if you are experiencing cyber bullying is <https://www.familylives.org.uk/browse/50180/bullying,cyberbullying>: advice and support on cyber bullying

# Evaluating your Cyberbullying Poster

When you have finished creating your cyberbullying poster you will need to write about what you have done, how you created your poster and any improvements that could be made.

What software did you use to create the poster?

I used publisher to do my work

Why did you choose that software?

Because it is made for making posters

What tools in the software did you use to create the poster?

Changing font and size and the size of the poster plus a border

Did you make any changes from your original plan? If so what and why?

I put my information into steps, so it was clearer to follow and easier to read.

Do you think your poster is suitable for the intended audience? (year 5-6 students)  
Please explain why or why not.

Yes, because it contains information that they will hopefully understand and pictures that are appropriate.

Explain why you used the font styles, colours, images, layout etc. of your poster.

I used a plain font not a swirly one so they could read the writing so they could read it and I used a pale background so the writing would show up

Comment on the feedback you received from your reviewers and what you could do to meet their requirements (if you think you should!).

I will make the font a bit bigger.

Say how **you** think the poster could be improved if you did it again.

I might add a few mor pictures and a few bright colours.

What was the trickiest part of this project?

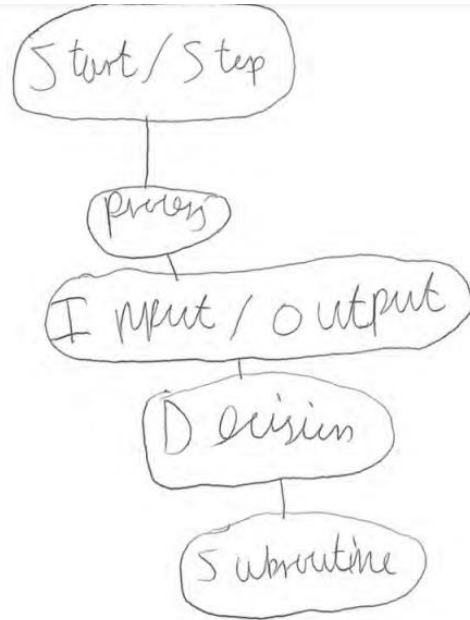
Finding good clear information to learn from on the internet.

Say what you think has gone well about creating your poster and what you like about it.

I like the simplicity of the picture and the font of the title

# KS3 Examples Year 8

- Developing



*This flow chart does not answer the question on the paper*

Year 8 examples come from the last question in the Control Programming assessment which is worth 20 marks.

Students need to create a flowchart, using the correct flowchart symbols, to explain how to create a ham and cheese toastie. Here is the mark scheme for the question

Accuracy of instructions	5 marks
Appropriate use of shapes	3 marks
Use of decisions	4 marks
Subroutines	4 marks
Variables	4 marks
<b>Total</b>	<b>20 marks</b>

This example is developing. The flowchart doesn't answer the question and doesn't use the correct shapes.

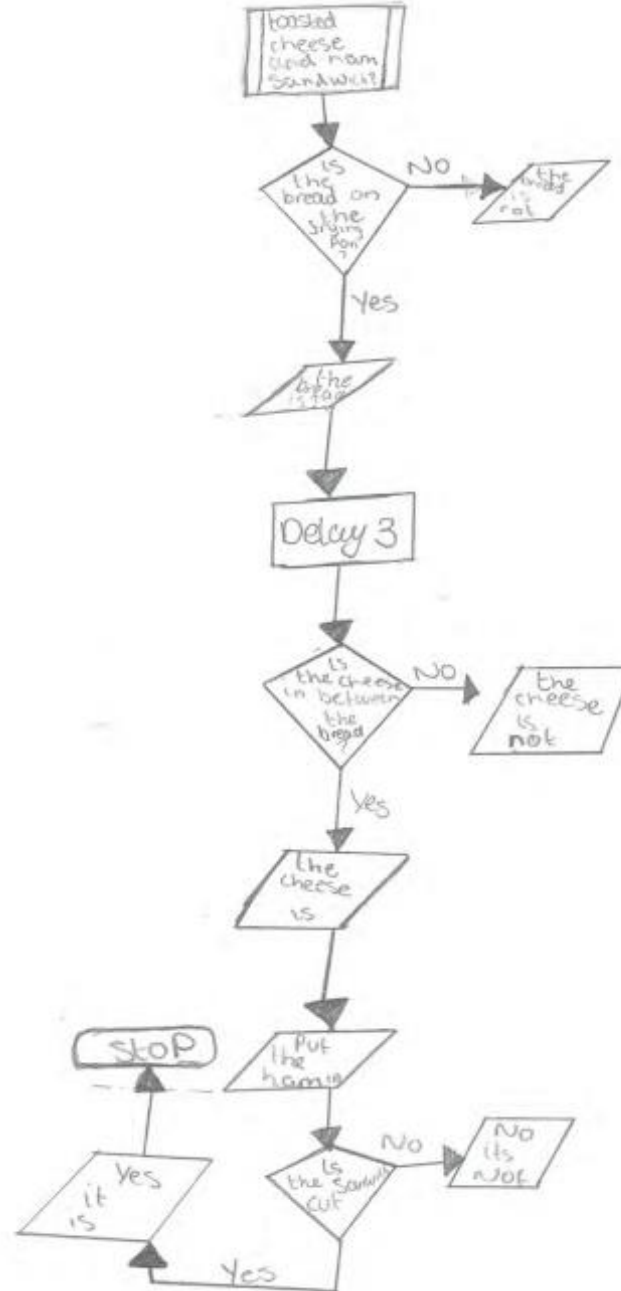
# Year 8 Secure

This is an example of a secure.

The instructions are generally correct, and the correct shapes have been used.

There is evidence of a sub-routine, but not recorded correctly.

There are several decisions included in the flowchart.

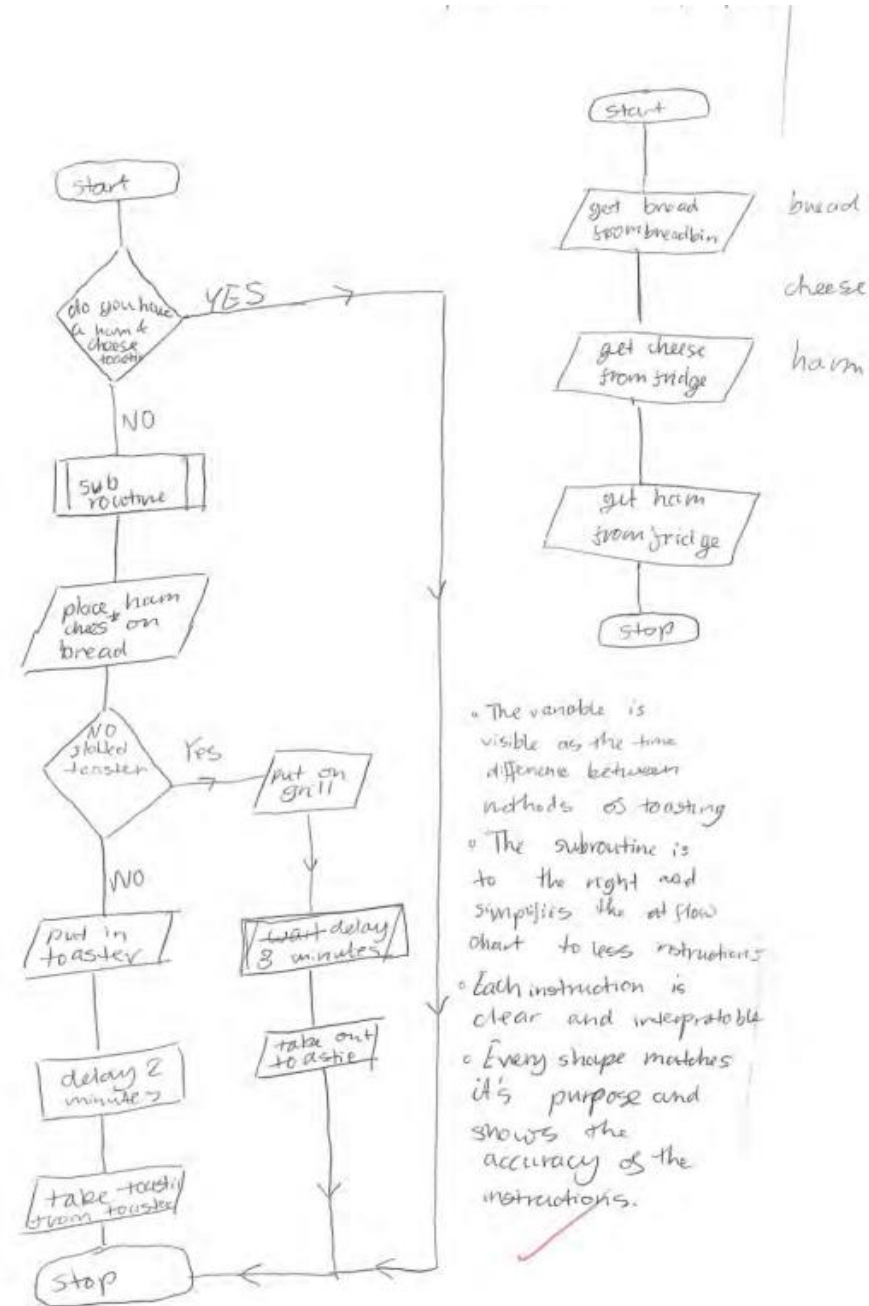


# Year 8 Extending

This is an example of extending.

There are accurate shapes and instructions.

Decisions included and at least one sub-routine (correctly written)





# Year 9 : Programming project

Planning and Design (0–6 marks available)

Marking criteria	Marks		
	1–2	3–4	5–6
AO1–0 AO2–2 AO3–4	<ul style="list-style-type: none"><li>There is a statement(s) of what the intended program will do. This may not always reflect what the task requires.</li><li>There is an attempt to create a flow chart for the program, but this is incomplete or appears non-functional.</li><li>There are some tests given, but these are basic and use normal data only.</li><li>There is an attempt to identify any Input, Output and Processing needs.</li></ul>	<ul style="list-style-type: none"><li>The learner has outlined how their program will work and this adequately matches any success criteria given.</li><li>There is a flow chart produced that adequately maps a working solution to the problem, although it may contain some errors.</li><li>There are a range of tests suggested using normal and erroneous data, but do not cover the entire solution proposed.</li><li>Input, Output and Processing needs are identified and adequately meet the solution, although may not be complete.</li></ul>	<ul style="list-style-type: none"><li>The learner has described how their program will work and this convincingly matches the needs of the task.</li><li>There is an accurate flow chart representing the proposed solutions that convincingly produces a functional solution.</li><li>There are normal and erroneous tests for all parts of the solution as needed and the tests would provide convincing evidence that the solution is effective.</li><li>Input, Output and Processing needs are clearly identified and cover all areas of the solution.</li></ul>

As part of the Entry level computer science qualification students produce a programming project. They code a text-based adventure game in Python and then have to document each stage.

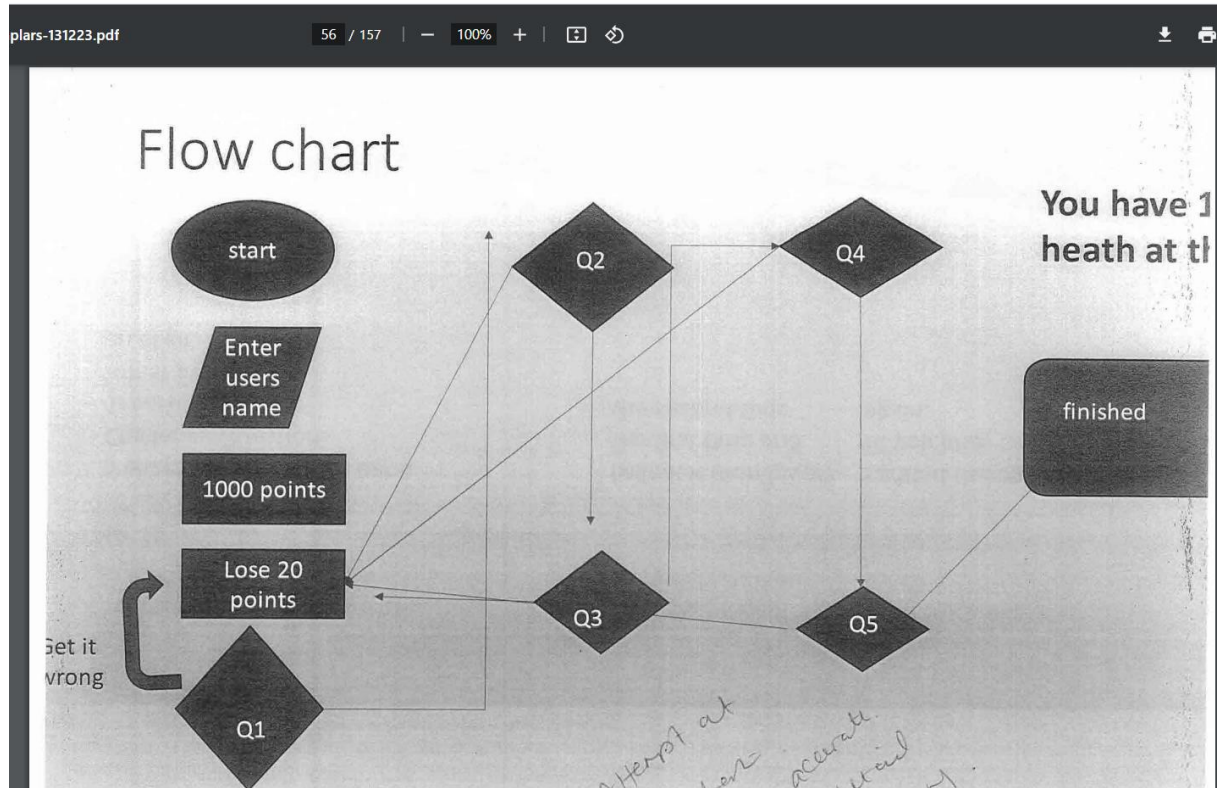
As part of that they need to produce a flow chart to plan out the flow of their program.

The mark scheme is issued by the exam board. You will see the mark increases for the amount of detail that is covered in the flowchart.

This will indicate the developing, secure and extending.

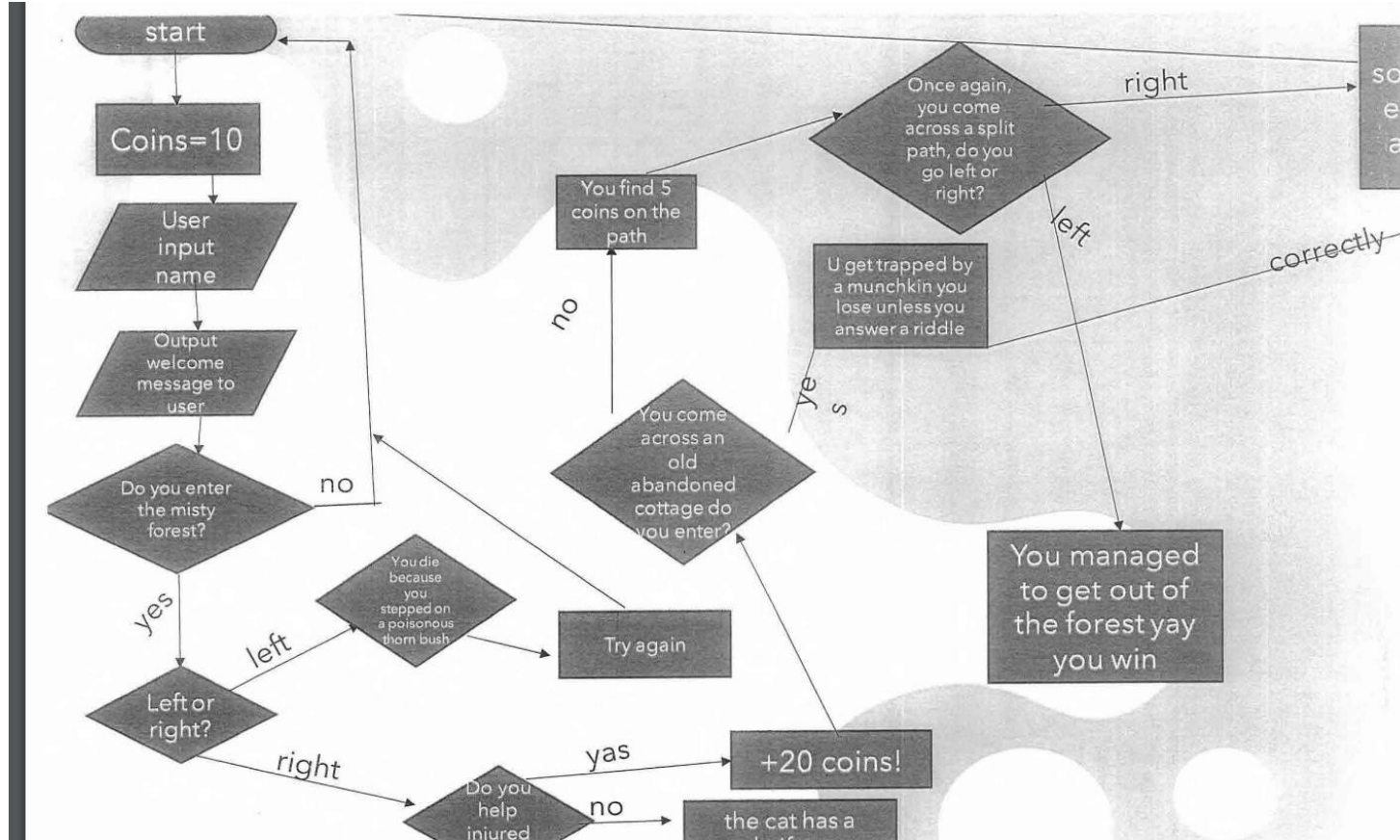
0 = no response or no response worthy of credit

# Year 9 Developing



This is example shows that there is an attempt at a flowchart to plan the game. However, it is not complete or totally functional. Therefore, an example of developing.

# Year 9 Secure



This flowchart adequately maps out the game. However, there are still some errors, and it is a little confusing.

This is an example of secure.

# Year 9 Extending

This is an example of Extending. It clearly maps out the entire game with the correct flowchart shapes and a good level of accuracy and detail

