

Switched on Computing Year 6

My progress

Name:

Class:



Unit 6.1 – We are app planners

I can see that a smartphone is a computer.



I can find geotagged photos on a map.



I can come up with interesting problems that I could solve with an app.



I can research apps that already exist that may solve my problem.



I can judge how well apps that already exist work.



I can create and present a well-planned presentation for my app.



I can name and describe the inputs and outputs of smartphones.



I can use GPS to find media (e.g. photos) that have been geotagged.



I can show how apps that already exist will solve a problem.



I can explain how search engines order web pages in a search ('Page Rank').



I can answer questions about my app well.



I can explain how smartphones connect to the internet through the phone network.



I can explain how GPS works and how it can be used in practice.



I can use different types of media (e.g. video) in my app presentation.



Reflection

I am good at ...

Next time I will ...

Unit 6.2 – We are project managers

I can make a list of the main steps of my project that need to be completed. 😞 😐 😊

I can make a list of the tasks of my project that need to be completed. 😞 😐 😊

I can make a list of the things I will need to complete the project. 😞 😐 😊

I can create original content for my app. 😞 😐 😊

I can judge how well the work on my app is going. 😞 😐 😊

I can spot and list the different parts of my app that will need to be created. 😞 😐 😊

I can see how the members of my group have different skills and talents. 😞 😐 😊

I can put the tasks of my project in an order that will work well. 😞 😐 😊

I can find content from other places to use in my app. 😞 😐 😊

I can use and credit content I use from other places correctly. 😞 😐 😊

I can work with my group to keep track of how well the project is going. 😞 😐 😊

I can see how to keep working on my skills to make the project a success. 😞 😐 😊

I can see how to improve the planning of the tasks in the project. 😞 😐 😊

Reflection

I am good at ...

Next time I will ...

Unit 6.3 – We are market researchers

I can create a survey online. ☹️ 😐 😊

I can use simple charts to explain what my survey results show. ☹️ 😐 😊

I can run an interview or a focus group. ☹️ 😐 😊

I can explain what the information I collect from an interview or focus group shows. ☹️ 😐 😊

I can present my survey, interview or focus group results. ☹️ 😐 😊

I can use tables to explain what my survey results show. ☹️ 😐 😊

I can use an audio recorder or camera to record an interview or focus group. ☹️ 😐 😊

I can judge the quality of my survey, interview or focus group results. ☹️ 😐 😊

I can explain what the audio or video I recorded means for my results. ☹️ 😐 😊

I can follow the rules for carrying out surveys, interviews or focus groups. ☹️ 😐 😊

I can create questions for my survey that are clear and balanced. ☹️ 😐 😊

I can use Pivot Table reports to explain what my survey results show. ☹️ 😐 😊

I can collect information and ideas from different places for my presentation. ☹️ 😐 😊

I can choose the software for my project and research on my own. ☹️ 😐 😊

Reflection

I am good at ...

Next time I will ...

Unit 6.4 – We are interface designers

I can sketch my ideas for the design of my app. ☹️ 😐 😊

I can create screen layouts for my app using a wireframing tool. ☹️ 😐 😊

I can think about how people will use my app as I design it. ☹️ 😐 😊

I can see how important it is that everyone should be able to use an app. ☹️ 😐 😊

I can find media assets (e.g. buttons or backgrounds) for my app. ☹️ 😐 😊

I can sketch my ideas for a user-friendly design of my app. ☹️ 😐 😊

I can try to design my app so that anyone should be able to use it. ☹️ 😐 😊

I can create my own media assets for my app. ☹️ 😐 😊

I can explain how different parts of my app will work together. ☹️ 😐 😊

I can create user-friendly screen layouts for my app using a wireframing tool. ☹️ 😐 😊

I can create an attractive design to suit the way people will use my app. ☹️ 😐 😊

I can follow examples of good design to make sure anyone can use my app. ☹️ 😐 😊

I can find and credit media assets I use from other places correctly. ☹️ 😐 😊

Reflection

I am good at ...

Next time I will ...

Unit 6.5 – We are app developers

I can create and write an algorithm for my app.



I can convert my algorithm into code.



I can keep testing and improving the algorithm to find the 'bugs' in my code.



I can think through and work out where mistakes are in my algorithm.



I can use sequence, selection, repetition and variables in my code.



I can think through and work out where mistakes are in my code.



I can listen to and act on other people's ideas to improve my code.



I can think through and work out how to correct mistakes in my algorithm.



I can use procedures in my code.



I can think through and work out how to correct mistakes in my code.



I can sort and deal with problems and new features for my app in a sensible order.



Reflection

I am good at ...

Next time I will ...

Unit 6.6 – We are marketers

I can create a marketing flyer which includes images and text. ☹️ 😐 😊

I can create a website for my app which includes images and text. ☹️ 😐 😊

I can record my own video or find video and content from elsewhere for my app advert. ☹️ 😐 😊

I can create a persuasive and well-designed marketing flyer for my app. ☹️ 😐 😊

I can plan and create a well-designed and user-friendly website for my app. ☹️ 😐 😊

I can see how important e-safety is and that I am responsible for content I create. ☹️ 😐 😊

I can edit my own and others' content for my app advert. ☹️ 😐 😊

I can choose software that is best suited for making my flyer. ☹️ 😐 😊

I can choose the best hosting and development platform for my website. ☹️ 😐 😊

I can follow the rules for creating and presenting content for a website. ☹️ 😐 😊

I can choose the best software and hardware available to me to create my advert. ☹️ 😐 😊

Reflection

I am good at ...

Next time I will ...