**Software Developer Bootcamp**

**Initial Diagnostic Tool**

# Instructions for tutors

This pack contains two simple initial assessment tools for use with learners considering undertaking Software Developer Bootcamp

The first tool should be completed by all learners. It will help determine if learners are ready for Software Developer Bootcamp or if they would benefit from first doing some additional preparation.

The second tool should be completed by learners deemed ready by the first tool. It will assist tutors in identifying a starting level for the Software Developer Bootcamp. It will also show where learners’ strengths and weaknesses lie.

Questions on this second, longer, assessment are separated into the five Digital Skill areas. They contain a mixture of questions based on the different starting points.

# Are you ready for Software Developer Bootcamp?

This short questionnaire will help you and your tutor decide if you are ready to start a Software Developer Bootcamp.

If you can already do a task, tick **Yes**. If you cannot do it, tick **No**.

At the end of questionnaire, add up the ticks in the **Yes** column. Then check the advice in the **How did you do** section.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | **Yes** | **No** |
| **Essential Digital Skills initial assessment** | 1 | I can turn on my phone, tablet or computer. | Yes |  |
| 2 | I can use a mouse and keyboard on a computer. | Yes |  |
| 3 | I can save files and access files and can organise my files and folders appropriately | Yes |  |
| 4 | I am able to install software on a machine | Yes |  |
| 5 | I can connect to the internet using wifi. | Yes |  |
| 6 | I can open a browser (like Safari or Google Chrome). | Yes |  |
| 7 | I can successfully search for answers using a search engine like Google | Yes |  |
| 8 | I can choose an app and open it. | Yes |  |
| 9 | I can solve basic arithmetic problems (addition, subtract, division) | Yes |  |
|  | **Total:** | 9 |  |

## How did you do?

|  |  |
| --- | --- |
| How many Yes answers? | Likely next steps |
| 0-5 answered **Yes** | You are not yet ready for the Software Developer Bootcamp.  You might be interested in the [Gateway Qualifications Entry Level Awards (Entry 1 or Entry 2) in Digital Skills for Life or Digital Skills for Work](https://www.gatewayqualifications.org.uk/qualification-area/digital-qualifications/digital-skills-for-life-and-work/) or [Gateway Qualification Essential Digital Skills (Entry 3 or Level 1)](https://www.gatewayqualifications.org.uk/qualification-area/digital-qualifications/essential-digital-skills/) |
| 6-8 answered **Yes** | You could benefit from the Software Developer Bootcamp.  Answer the next set of questions to see what support you will need. |

# Support for you whilst on the Software Developer Bootcamp?

This questionnaire will help you and your tutor decide what support you will need whilst attending the Software Developer Bootcamp.

It will also show your strengths and weaknesses.

If you can already do a task, tick **Yes**. If you cannot do it, tick **No**. At the end of each section, add up how many times you answered **Yes** or **No** to the purple and orange shaded questions.

At the end of the questionnaire, add up your section totals to work out the overall numbers. Then check the advice in the **How did you do** section.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | Yes | No |
| **Using devices and handling information** | **1** | **I can put a new app on my device.** | Yes |  |
| **2** | **I can make text on my device bigger or smaller.** | Yes |  |
| **3** | **I can do an internet search.** | Yes |  |
| **4** | **I can create and save a document into a folder.** | Yes |  |
| **5** | **I can solve basic technical problems myself.** | Yes |  |
| **6** | **I can refine searches.** | Yes |  |
| **7** | **I can create a system of folders for storing files.** | Yes |  |
| **8** | **I can find solutions online to help me sort out technical problems.** | Yes |  |
|  | Section total - purple questions: | 5 |  |
|  | Section total - orange questions: | 3 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | Yes | No |
| **Creating and editing** | **9** | **I can create a document using text and images.** | Yes |  |
| **10** | **I can do some basic formatting (like changing font colour, underlining text or changing the size of a picture).** | Yes |  |
| **11** | **I can take a photo or make a short video with my device.** | Yes |  |
| **12** | **I can put graphics and charts into formal documents (like a report for work).** | Yes |  |
| **13** | **I can create and format a spreadsheet.** | Yes |  |
| **14** | **I can use a spreadsheet to do simple calculations and produce basic charts.** | Yes |  |
|  | Section total - purple questions: | 3 |  |
|  | Section total - orange questions: | 3 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | Yes | No |
| **Communicating** | **15** | **I can add people to my contacts.** | Yes |  |
| **16** | **I can send an email.** | Yes |  |
| **17** | **I can send a photo.** | Yes |  |
| **18** | **I can take part in a video call.** | Yes |  |
| **19** | **I can message people using different social media.** | Yes |  |
| **20** | **I can send work emails written in a different style from those to friends.** | Yes |  |
| **21** | **I can keep my digital footprint to a minimum and manage my online identity.** | Yes |  |
|  | Section total - purple questions: | 4 |  |
|  | Section total - orange questions: | 3 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | Yes | No |
| **Transacting** | **22** | **I can fill out an online form (like a repeat prescription request).** | Yes |  |
| **23** | **I can buy something online.** | Yes |  |
| **24** | **I can upload a photo when filling out an online form (like a passport application).** | Yes |  |
| **25** | **I can compare prices and check delivery costs when I’m buying something online.** | Yes |  |
|  | Section total - purple questions: | 2 |  |
|  | Section total - orange questions: | 2 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | Yes | No |
| **Being safe and responsible online** | **26** | **I can set a strong password.** | Yes |  |
| **27** | **I can lock my device.** | Yes |  |
| **28** | **I can check that a website is secure.** | Yes |  |
| **29** | **I can spot a phishing (dodgy) email.** | Yes |  |
| **30** | **I can report offensive things I see online.** | Yes |  |
| **31** | **I can protect my personal data and privacy online.** | Yes |  |
| **32** | **I can back up data.** | Yes |  |
| **33** | **I can set up and use multifactor authentication (like a password AND a PIN for an online account).** | Yes |  |
| **34** | **I can block or filter unwanted content or activity.** | Yes |  |
| **35** | **I can use digital wellbeing tools (like setting a limit**  **for how much time I spend on an app).** | Yes |  |
|  | Section total - purple questions: | 5 |  |
|  | Section total - orange questions: | 5 |  |

## How did you do?

Now use the table below to add up your scores and provide an indication of the most appropriate support on the Software Developer Bootcamp for you.

|  |  |  |
| --- | --- | --- |
|  |  | Yes |
| **Results** | Overall Total - Purple Questions | 19 |
| Overall Total - Orange Questions | 16 |

|  |  |
| --- | --- |
| How many Yes answers? | Likely next steps |
| 0-13 answered **No** to Purple questions | You will receive intensive support to develop these skills associated with the Software Developer Bootcamp |
| 14 or more answered **Yes** to Purple questions  **AND**  0-10 answered **Yes** to Orange questions. | You will receive ad hoc support to develop these skills associated with the Software Developer Bootcamp |
| 14 or more answered **Yes** to Purple questions  **AND**  11 or more answered **Yes** to Orange questions | You already have lots of skills associated with the Software Developer Bootcamp. Development of support will be within your specific areas |

## Technical Specification.

The minimum requirements for the course are a working computer with the following technical specification.

**Windows:**

OS: Windows 10

RAM: 4gb

Processor: Quad Core 1.8ghz or higher

System Age: 4 years

**Mac:**

OS: Catalina

RAM: 4gb

System Age: 5 years

**Please note, it is also a requirement of this course that you have a working webcam and mic to participate in the sessions.**