



Junior Web Developer: Pre-Interview Activity

What we are looking for

In this pre-activity, the team at The Duke of York Inspiring Digital Enterprise Award would like to test your ability to:

- Work independently to develop software – demonstrating BOTH your **coding** and your **design skills** to make the first page of an iDEA online learning resource – known as a digital 'badge'
- Show you understand how people learn and engage with online content
- Demonstrate that your programming is of the required standard: designed and built to provide the engagement, interactivity, usability, functionality and resilience required and to meet the needs of learners.

The iDEA platform is currently undergoing some maintenance, so as a reference point, please take a look at these two example badges: <http://idea.toastedstage.com/graphics> and <http://century.academy/course1/>.

The Task

Please demonstrate how you would build a single page of an online learning resource. We are looking to see what you are able to do in **2 hours or less**.

For this task, we are creating the first step of a badge that aims to teach learners about **Rewards**. In particular this badge would teach young people about intrinsic and extrinsic motivators¹ and stimuli i.e. how do rewards change behaviour?

We would like you to create a **single webpage** which contains the functionality shown in the storyboard design overleaf.

Please build the skeleton structure as shown, including the **interactive elements** (drag and drop in the first instance – the layout shows which are intrinsic/extrinsic motivators, so these can then be reordered on the webpage; and **selection** in the second – the correct answer is '**technology**').

Please develop this page, using your own **design skills**, whilst being sympathetic to iDEA's branding (please see the accompanying leaflet and logo at the top of this page); and to the target audience of young people, aged 11-25 years old. The people who use iDEA's resources are looking to develop digital and enterprise skills in fun, engaging and interactive ways.

¹ <https://www.verywell.com/differences-between-extrinsic-and-intrinsic-motivation-2795384>

BRANDED CONTENT

PART 1

PART 2

PART 3

PART 4

ARE THE FOLLOWING INTRINSIC OR EXTRINSIC
MOTIVATORS?

(INTRINSIC)

GETTING PAID FOR
YOUR WORK

SOLVING A PROBLEM

(INTRINSIC)

INTRINSIC MOTIVATORS

(EXTRINSIC)

COMPLETING YOUR STUDIES

LEARNING MORE ABOUT
THE DIGITAL WORLD

(EXTRINSIC)

EXTRINSIC MOTIVATORS

WHICH OF THESE IS NOT A LEVEL IN MASLOW'S HEIRARCHY?

SELECT ONE OF THE FOLLOWING

PHYSIOLOGICAL

SECURITY

ESTEEM

TECHNOLOGY

BRANDED CONTENT