

Your use of WEAVE

Please tick which of the following uses you have made of WEAVE (as many as apply)

1. ☒ I viewed worked examples myself using the pupil interface
2. ☐ I looked at the teacher interface
3. ☐ I used WEAVE in one or more classes with pupils
4. ☐ I used WEAVE with pupils and then used the teacher interface to explore their progress

Usability

The following is the standard SUS usability survey. When answering these, note that each question has space for two answers, one for the teacher interface and one for the pupil interface. If you didn't use one or other interface, just leave that part unanswered.

1. I think that I would like to use this system frequently

Pupil Interface

Strongly disagree				Strongly agree
1	2	3	4	5

Teacher Interface

Strongly disagree				Strongly agree
1	2	3	4	5

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2. I found the system unnecessarily complex

Pupil Interface

Strongly disagree				Strongly agree
1	2	3	4	5

Teacher Interface

Strongly disagree				Strongly agree

	1	2	3	4
3. I thought the system was easy to use				

Pupil Interface

A horizontal scale from 1 to 5. The left end is labeled "Strongly disagree" and the right end is labeled "Strongly agree". A point "x" is marked between 3 and 4.

Teacher Interface

Strongly disagree 1 2 3 4 5 Strongly agree

4. I think that I would need the support of a technical person to be able to use this system

Pupil Interface

Strongly disagree Strongly agree

x				
1	2	3	4	5

Teacher Interface

Strongly disagree Strongly agree

1	2	3	4	

5. I found the various functions in this system were well integrated

Pupil Interface

A horizontal scale from 1 to 5. The left end is labeled "Strongly disagree" and the right end is labeled "Strongly agree". A box labeled "x" is positioned between 4 and 5.

Teacher Interface

6. I thought there was too much inconsistency in this system

Pupil Interface

Strongly disagree				Strongly agree
x				
1	2	3	4	5

Teacher Interface

Strongly disagree				Strongly agree
1	2	3	4	

7. I would imagine that most people would learn to use this system very quickly

Pupil Interface

Strongly disagree				Strongly agree
			x	
1	2	3	4	5

Teacher Interface

Strongly disagree				Strongly agree
1	2	3	4	

8. I found the system very cumbersome to use

Pupil Interface

Strongly disagree				Strongly agree
x				
1	2	3	4	5

Teacher Interface

Strongly disagree				Strongly agree
1	2	3	4	

9. I felt very confident using the system

Pupil Interface

Strongly disagree				Strongly agree
				x
1	2	3	4	5

Teacher Interface

Strongly disagree				Strongly agree
1	2	3	4	

10. I needed to learn a lot of things before I could get going with this system

Pupil Interface

Strongly disagree				Strongly agree
x				
1	2	3	4	5

Teacher Interface

Strongly disagree				Strongly agree
1	2	3	4	

Please comment on aspects of the **teacher** interface that didn't work properly or could be improved.

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Please comment on aspects of the **pupil** interface that didn't work properly or could be improved.

The match between the pupil answer and the system answer could perhaps be made clearer. It would be useful to label the three parts of the interface (eg problem description/specification;
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coding and Help/ Step by Step)

Fitness for teaching and learning

If there were more worked examples in WEAVE would you use it in your classes regularly? Please explain your answer.

Yes. At the moment I am teaching National 5 Computing Science. I think that I would use some simpler examples with my classes. The examples currently in the system would be useful for Higher.

Presentation of pupils' usage data

How easy was it to understand what information did the different graphs/tables show?

Very difficult

Very easy

1	2	3	4	5

How useful did you find the graphs/tables in understanding how your pupils worked with the examples?

Not useful at all

Very useful

1	2	3	4	5

Is there any other information that the system does not provide but would help you to better understand the difficulties of your pupils?

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Deploying WEAVE in schools

How easy do you think would be to deploy WEAVE in your school?

Very difficult

Very easy

				x
1	2	3	4	5

Logistics

Are there any logistical problems with using WEAVE in your classroom? Possible issues are: website blocking, browser incompatibilities, machine limitations (speed, screen size etc.)

I would need to try it out in the classroom using a pupil id. Even if the filtering system blocked it, I can ask for the url to be allowed, then I think it would be OK to access. The browser we use in school is Internet Explorer.

Other comments

Do you have any other comments to make about the system? For example, most of these questions ask about problems... in addition, what do you like about the system?!

I've tried it, from the pupil side, on my ipad mini and on a PC using Chrome and it worked very well. The step by step approach is very good,, and the addition of the multiple choice questions will make pupils think actively, rather than just reading through a worked example. Although there are a lot of steps, this will help to identify exactly where a problem in understanding is. The problems would be too difficult at the moment for my pupils who are National 5, but would be excellent for Higher. I like the way that your system highlights the problem description on the Left hand side, as it is explained in the lower panel.

Look forward to exploring it further (and more National 5 problems please!).

Another point – it would be useful to have a very basic example of the algorithm as well as where it is embedded in a problem .eg simply a linear search as well as the example with the door entry.