

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

Strongly disagree			√		Strongly agree
1	2	3	4	5	

Teacher Interface

Strongly disagree					Strongly agree
1	2	3	4	5	√

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
√	1	2	3	4	5

Teacher Interface

Strongly disagree					Strongly agree
√	1	2	3	4	5

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

Pupil Interface

Strongly disagree				√	Strongly agree
1	2	3	4	5	

Teacher Interface

Strongly disagree				√	Strongly agree
1	2	3	4	5	

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

Pupil Interface

Strongly disagree				Strongly agree
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
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
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
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
√				
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.

Fine once I was used to positioning of instructions, info

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, I would like to see some really basic and small Python programs as a starter going through basic constructs on their own so could start S3/N4 level and introduce interface at same time.

The key to programming is trying to get pupils to slow down, think very simply, give real time to analysis, I like how the tasks deliberately show the step-by-step process required to first analyse a problem then program it.

I think the time on questions is very interesting to look at as some should have longer times – pupils could skip through parts, maybe some sections should have set time where pupil can't skip on screen to try and encourage them to really focus on program/instructions.

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?

Button to click (traffic light) at set sections so pupils can say what know/kind of know/ don't know – teacher can see mood of class on different parts and pupils can show need help more privately

Deploying WEAVE in schools

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

Very difficult					Very easy
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.)

No seems to work fine

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?!

<p>I really like it – encouraging and showing step by step working through analysis in particular we skirt over too much, pupils are getting more used to working online with systems like Code.org and CodeAcademy and they really like it, teacher progress check helps encourage them to work – some continue at home, like the time spent for us to see who's really engaging</p>

<p>You could ask longer answers typed in, I like how you could select a specific question and see all the whole class responses to see how they explain it together, pupils like to see how they all describe programs differently</p>
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<p>Assumptions part of analysis is good, always need to think between the lines of a problem to work out what else would be needed in the program</p>

<p>I'm interested in how we could assess analysis/development skills in Computing better – a system like this? I think the debate currently raging about internal/external marking of projects misses the point that a 15 page report with a working database/web site/program that is just an end product is not how to assess computational thinking skills of a pupil. We need to be able to assess the pupil's "journey" to the final product.</p>
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