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	

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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	

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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	

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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	

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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	

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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	

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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	

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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.

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

Pop up question windows can be closed with no feedback. There does not seem to be way for a user to navigate back and have the pop up window open again.

The three presentation windows seem to provide a clear view of what is going on but probably should be titled to give users some idea of what to expect. For example, initially at least, the right hand window does nothing and it is not clear whether it might do something later.

When a pop up option is selected and then submitted you don't seem to get any feedback as to whether an answer submitted is correct or not and this feedback is pretty essential in supporting learning. Pupils may ask for instance, 'is my function name OK as it does match the example shown', or 'did I choose the correct option in a list of options', etc. In the case of free form responses, feedback could be given by altering the question style to a multiple choice with explanation as to why options from which to choose are or are not appropriate, eg naming a function.

When explaining code or the thinking behind how the code was generated, it might be better to reference the 'variable names' in the code– see slide 21 where 'ids array' is written instead of 'authUsers' .

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.

I would use an adapted form of this system with classes in a variety of ways to support my own style in teaching programming. It is a resource that has the potential to be used flexibly and with a range of pupil ability, experience and knowledge.

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?

We seem to have replaced the 'Sage On Stage' with an approach of the 'Sage In The New Age '. Why have you not gone instead for replacing the 'Guide On The Side' with the 'Guide On The Wide' <area network> - epsilon. Build some degree of intelligence that can interpret user responses and tailor feedback to learner need; starting with at the very least feedback on whether a user response is correct or not and moving towards the more challenging adaptive response style interface. As a teacher, what I don't want to have to be doing with classes is explaining the explanations.

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.)

Not that I can see

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?!

The questions about usability seem to be very summative and quite general, ie top down. What is really needed at this stage is perhaps more formative questions to collect detailed information that might aid in the iteration of the prototype. It might therefore be useful to add, eg a 'feedback button' to the tutorial pages at least for a little while, to allow users the opportunity to describe their experience and to comment on particular slides, both technical and usability comments. This would provide useful formative evaluation data.