Subject curriculum review questionnaire

1. Are the learning outcomes and educational content appropriate for the developmental age of students?			
1 – inappropriate	2 – appropriate to a certain extent	3 – mostly appropriate	4 – completely appropriate X
Please explain what should be modified if Your answer is 1, 2 or 3. Learning outcomes and content entirely appropriate. Challenging but good balance between knowledge and skils.			

2. Are the learning outcomes and educational content appropriate for the number of classes?			
1 – inappropriate	2 – appropriate to a certain extent	3 – mostly appropriate	4 – completely appropriate X
Please explain what should be modified if Your answer is 1, 2 or 3. However until teachers have been engaged in the delivery of the curriculum it is difficult to judge at this stage of the process.. This will need careful monitoring and evaluation in first few years of implementation.			

3. Are the domains that are necessary for the Informatics area well represented?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely X
Please explain what should be modified if Your answer is 1, 2 or 3. The domains provide a useful and relevant framework for all the areas which make up the curriculum. Again this will need to be monitored during the implementation phase			

3. Does the curriculum contain an adequate ratio of the breadth and depth of knowledge, skills and attitudes in the Informatics area?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely X
Please explain what should be modified if Your answer is 1, 2 or 3. There is an excellent balance between knowledge and skills in this proposed curriculum. Depth and breadth are also appropriate but may need revision once teachers have been engaged in delivery of the curriculum.			

5. Does the curriculum, especially as regards the proposals in chapters F and G (Learning and teaching, Assessment), enable the acquisition of the listed learning outcomes?

1 – no	2 – to a certain extent	3 - mostly	4 – completely X
Please explain what should be modified if Your answer is 1, 2 or 3. Once again this will need to be carefully monitored and evaluated during implementation.			

6. Are the proposed learning outcomes and other elements of the curriculum in line with the European and global recommendations (e.g. DigComp, UNESCO ICT competency framework, Better Internet for KIds etc.)?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely X
Please explain what should be modified if Your answer is 1, 2 or 3. The proposed learning outcomes builds upon and develops further the curriculum in operation in other countries.			

8. Are the learning outcomes and educational content comparable with those in Your country?

The learning outcomes and suggested content are superior to the ones develeoped here in England. They are broader and more balanced between the elements and between knowledge and skills. It is also impressive how the proposed curriculum has been cross referenced with other subjects. I particulary like how the proposed curriculum looks at the wider societal implications of computing. The consideration of how assistive technology can help with disabilty is also welcomed. This is a well rounded,broad and balanced curriculum.

9. Please suggest other modifications if You consider them necessary.

One area which will need to be constantly monitored and updated is the area of online safety?

Another area which is growing rapidly especially in the older age groups is that of cyber-security.

10. Your conclusion about the proposed curriculum.

This proposed curriculum is well balanced,broad and has an excellent combination of knowledge and skills aligned with a constructivist approach it will be relevant to the needs of the digital economy and learners.

In my view it is superior to the one we have implemented in England.

However the lessons we have learned and challenges we are still facing leads me to ask the following questions.

- **To what extent have teachers been involved/engaged in the design of the proposed curriculum?**
- **To what extent has the IT/Digital industry/employers been involved/engaged in the design of the proposed curriculum?**
- **To what extent do the current ICT teachers have the required knowledge,skills,confidence and capacity to deliver the proposed curriculum?**
- **To what extent have School leaders and Governors been involved in the decisions about the proposed curriculum?**

- **What plans are in place for the training/cpd of teachers who will teach the new curriculum?**
- **Have your teacher education/training programmes been modified to ensure the next generation of teachers are capable and confident delivering the proposed curriculum?**
- **Do the Teacher Educators/Trainers have the appropriate knowledge/skills/capacity to support trainee teachers?**
- **Has the Croatian school inspection systems been involved and do the inspectors have the appropriate capability and capacity?**
- **Will the assessment system be felxible enough to cope with these changes?**
- **What resources and plans are in place to continuously monitor and evaluate how the curriculum is implemented? How will it be modified if necessary?**
- **What consideration has been given to the establishment of communities of practice to share and disseminate what works?**

CONCLUSION

From my experience in England the change in the curriculum has provided enormous challenges which have yet to be overcome. The cultural change required was underestimated by Government and there was under investment in teachers cpd. Teachers were insufficiently engaged in the design process and consequently their concerns were not listened to or acknowledged. Only certain factions of the IT/Digital Industries were consulted and this has led to some inbalance in the curriculum. Whilst we have made some progress and there are pockets of excellent practice although this is not consistent across the system.

The curriculum you have designed looks excellent but the real challenge lies ahead in how the teachers take ownership of the changes and how well they are supported.

It has been a privilege to review your curriculum and I wish you well.