



<b>Name of school</b>	<b>St Charles RC Primary School</b>
<b>Name(s) of teacher (s)</b>	<b>Gisella Steedman</b>
<b>Hub leader</b>	<b>Tina Whittaker</b>
<b>Hub</b>	<b>Round12 - Manchester Hub (Tina Whittaker)</b>
<b>Level submitted</b>	<b><u>Silver</u></b>
<b>Reviewer</b>	<b>A.Farrer</b>

<b>Criteria</b>	<b>Indicator</b>	<b>Observations</b>
<b>A1</b>	There is an effective subject leader for science	You have worked exceedingly hard to develop a fantastic range of links and be involved in so many great opportunities which have definitely raised the profile of science in your school. The development of your Teacher Champion sounds like a great next step. Are you an ASE member? Perhaps you could write an article for Primary Science magazine about one or more of your great initiatives!
<b>A2</b>	There is a clear vision for the teaching and learning of science.	Your principles have been used to good effect and amended as necessary.
<b>A3</b>	The current School Development Plan has appropriate and active targets for science.	Good to see that you have been thinking about your targets for next year. You certainly accomplished your targets for this year!

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<b>A4</b>	There is a shared and demonstrated understanding of the importance and value of science to children's learning.	Your interactive science displays look fabulous. It would have been really useful to know what the impact has been of your investment in the outdoor learning space and Forest Schools. You might find these citizen surveys a useful resource <a href="https://www.opalexplornature.org">https://www.opalexplornature.org</a> The Great Science Share looks like a terrific event and has really demonstrated to others how important science is at St Charles. Initiatives that you have developed such as sending Whizz Pop Bang home also demonstrate to all that science is a key focus at your school.
<b>A5</b>	The science coordinator knows about science teaching and learning across the school	Very pleased to see that you were able to involve a governor with the learning walks. Your monitoring activities have been very thorough and you have shared useful next steps with all staff.
<b>B1</b>	Colleagues have had opportunities for CPD within science including training and support that increases their skills, knowledge & understanding	There has obviously been a really useful range of professional development activities and science lead support for all staff that has been targeted depending on need. Have you looked at Reach Out CPD at all? It is online training that might help develop subject knowledge for staff that need it.
<b>B2</b>	There is a range of teaching and learning approaches	Did you end up introducing the use of concept cartoons to staff? Your key question cards are a great idea. How do you intend to evaluate their use and develop them?
<b>B3</b>	There is a range of up-to-date, quality resources specifically for teaching and learning science. ICT is used both as a tool and as a resource for teaching	Great to see that data loggers have been used to good effect. Have you managed to get hold of any free resources other than from the high school? You might like to sign up for the free loan of microscopes from here <a href="http://www.rms.org.uk/discover-engage/microscope-activity-kits.html">http://www.rms.org.uk/discover-engage/microscope-activity-kits.html</a> if you haven't done so already. Great to see governor involvement with science resourcing. Some schools recruit "pupil technicians" to assist with looking after resources which might be a great role for some of the children in your school.
<b>C1</b>	All pupils are actively are engaged in their own learning and achievement; independently making decisions, answering their own questions, solving real problems.	I love the mystery seed holiday homework – a great way to involve families. I am also impressed with both Find out Fridays and the Ask it Basket! It would have been good to have seen examples of differentiated activities and what the impact of these have been here.
<b>C2</b>	The purpose of science assessment is well understood and shared by the members of the school community. Assessment approaches are designed to fit those purposes.	Great that you found the TAPS self evaluation tool useful. You have obviously made sure that formative assessment is emphasised with activities such as concept mapping. I think that the Science target passport is a great idea. Have you carried out internal and external moderation? What has been the impact of this?
<b>C3</b>	Children enjoy their science experiences in school	This is obviously the case at St Charles! It's great that pupils contributed to the planning and design of the outdoor learning space and that that has been useful.

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<b>D1</b>	Science supports other areas and contributes to maximising whole school initiatives while retaining its unique status	You have made some terrific links and a great deal of cross curricular activity has taken place. It would have been good to have seen some specific examples of maths pupil work. Remember to think carefully about what the impact of these links has been so that you can decide which ones to develop further next year.
<b>D2</b>	There are clear links to outside agencies / organisations /communities to enrich science teaching and learning	Wow! What a fantastic range of trips and activities to enrich science learning for all year groups. It would have been lovely to have seen more photos here of what has been going on but your calendar of events makes it clear. Pupils have obviously enjoyed all of these events and trips. Do staff agree?! It is clear that the activities have really enriched learning as well as being fun.
<b>E</b>	General reflection if appropriate	

<b>Overall comment</b>	<b>This submission clearly meets the criteria for PSQM Silver. You should be congratulated for all of your hard work and all of the beneficial links that you have developed that have made such an impact on you, your staff, the pupils and their families. Very well done!</b>
<b>This submission meets the criteria for PSQM Silver level.</b>	<p><b>Reviewer signature and date</b></p> <p><i>Aarnet</i></p> <p><b>27<sup>th</sup> April 2017.</b></p> <p><b>Many congratulations to all at St Charles RC Primary School.</b></p> <p><i>Jane Turner</i></p> <p><b>Director: Primary Science Quality Mark</b></p>