The Bushey Academy Lesson Observation Evidence Form 2014-15

Teacher	RDa	Class	8B1/Sc	Observed by	CTu	Date	29th Jan 2016
Observation		Work Analysis		Discussions		Other	

Context (lesson objective or description of activity)
Heat as energy.
Energy Transfers

Code of conduct
Excellent

Commentary of lesson with evidence (including differentiation, active learning and assessment for learning)

Meeting and greeting students at door. Starter activity given to students as they arrive: draw a particle diagram to represent the three states of matter.
Extension activity incorporated onto starter worksheet

Students presenting science in the news whilst starter is being completed – such a fantastic idea – one to steal – please consider sharing this idea at our next departmental meeting.

Evidence of a lot of work in books. Homework is evident, assessment criteria and assessments are evident.
Opportunities for self and peer assessment evident in books.
Just consider giving students opportunities to comment on teacher targets set.

Student feedback on starter – good verbal praise and focus on key words as students mention these in their answers.

Focussing questions at targeted students – I like this.

Title and objectives shared with students. Really good relationships evident with students and good verbal praise used throughout.

Students are very engaged in their learning and fascinated with scientific concepts. Many students are eager to find and learn more.

Really good visual images and vibrating words to consolidate ideas about vibrating particles.

Students have a task related to energy transfer which they are going to model using Mr Dayaram as a concept. This helps students to engage further with the task.

Really good pace to the lesson – using timings and time reminders throughout lesson.

Model: Considering on which surface (wood or metal) the ice would melt first. Students vote and then give reasons as to why they think what they do.

Students divide page to extend on this idea: predict/explain/observe/explain

Watching a short video clip to observe. Students are really engaged by this and it makes them consider their predictions and then explain why they were correct/incorrect.
Really good ideas being given by students. They are showing excellent understanding – clear evidence of progress being made by all.
To extend the more able in the class relating ideas about conduction to particles. Diagrams and models to consolidate these ideas.

The students in this class definitely have a thirst for science knowledge. They are keen, eager to ask questions and keen to extend their learning.

Students are given a task to write an explanation for the experiment incorporating as many of the key words that they can from the board. Extension activity to try and draw a particle diagram showing how thermal

energy moves through a metal.
Plenary: To peer assess each other's work using a level ladder that is shared with students.

A fantastic lesson – I thoroughly enjoyed observing this. Well done.

Evidence of SMSC (please comment, see attached guidance)

Fantastic opportunity given to one student every lesson to present an article related to science in the news to the rest of the class.
Willingness to participate in class discussion and question and answer
Willingness to work well as individuals and as part of a group

Evidence of progress over time

Evidence of clear progress in books
Evidence at each DCP through tracking on SIMs

Evidence of Literacy (please comment) Key Words Science in the news	**Evidence of Numeracy** (please comment)
Strengths of the lesson Behaviour Student engagement Teaching strategies	**To achieve the next grade**

Grade: 1