

Science Principles: Rationale

The Science Principles were written following consultation with pupils, teachers and non-teaching staff during the Summer term 2014.

The Science Subject Leader delivered a whole school assembly about what makes a good science lesson. Children's suggestions from across the school were then gathered via a series of school council meetings (coordinated by the Science Subject Leader).

The Science Subject Leader also led a staff meeting where teachers and teaching assistants were asked to provide lists of the aspects they thought made up an effective science lesson.

After the Science Subject Leader collated the responses from children and adults, another staff meeting was used to organise the findings and agree the overarching themes for our principles. After agreeing the final wording with the staff team, the Science Subject Leader then worked with the Art Subject Leader to create a set of posters.

The posters are now displayed in each classroom across school, as well as on the main science display in the entrance corridor. Staff are encouraged to refer to them during their lessons and a sample of children are asked to indicate which principles they feel have been addressed in each science lesson by adding a coloured sticker to the relevant poster(s) in their classroom, thus providing a visual prompt for staff when planning subsequent lessons and ensuring coverage of all principles across the year.

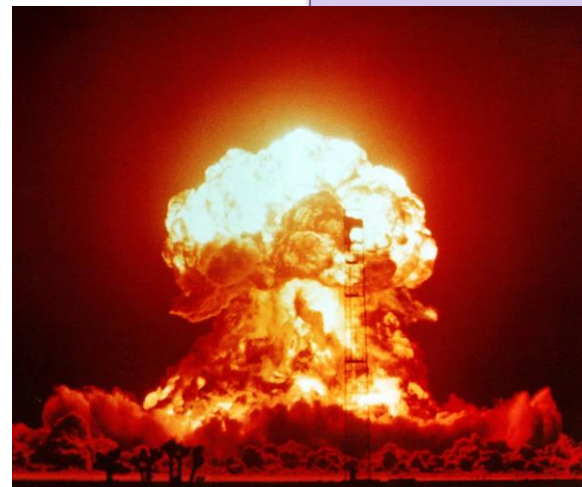
The principles will be reviewed by the school council and staff team in the Summer term of 2014/15, with any amendments to be actioned for the start of next academic year.



The West Cliff science promise:

Science will.....

Be fun, exciting,
engaging (and
sometimes
explosive!)

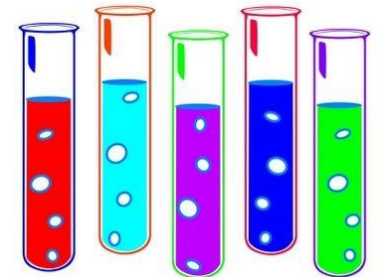




The West Cliff science promise:

Science will.....

Balance hands-on
activities with
research!

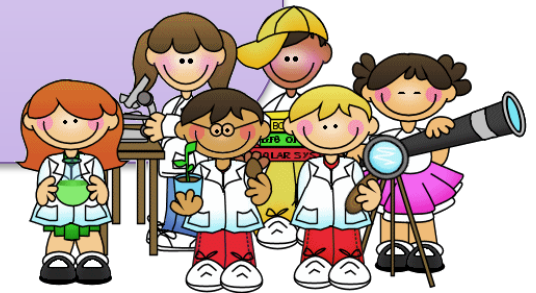




The West Cliff science promise:

Science will.....

Challenge us as
individuals, whether
working
independently or as
a team!

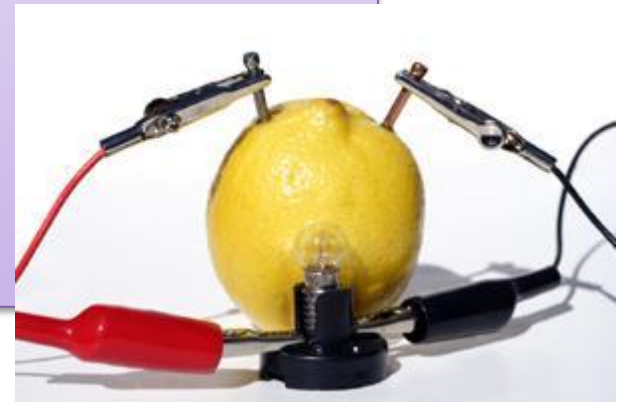




The West Cliff science promise:

Science will.....

Build on our skills
and knowledge each
year.....





The West Cliff science promise:

Science will.....

Take place indoors
and outdoors,
involving the wider
community!





The West Cliff science promise:

Science will.....

Include:

Investigative
Thinking
Predicting
Observing
Measuring
Recording
Reflecting
Explaining

skills!

