

UN 4th May 2013

Station number

Name and number colour coded to match
Calculus strand - perhaps design of whole page
should be colour coded
Station name - printed as a question

Each idea listed at
most once (regardless
of how many resources
include this)

Links to pages
for pervasive
ideas

Each resource tagged with
relevant pervasive ideas, then
this box filled automatically
using the resources for this station

Need to be able to
record and display
dependencies between
some resources

Box filled in
automatically
using data from
hub map

7

How can we differentiate a sum or a product?

Key questions

- What is the derivative of $f(x) + g(x)$?
- What is the derivative of $f(x)g(x)$?
- What is the derivative of $f(g(x))$?

Highlights

- Our favourite resources
- More

Pervasive ideas
to watch out for

- Linearity
- More

Resources

- Introductory investigation
- Video
- Set of problems
- Misconceptions for discussion
- The bigger picture

Teacher support

Where next?
How can we
differentiate $\sin x$?
How can we
integrate a sum or
a product?

Before this
How can we
differentiate $\sin x$?
How can we
integrate functions?

Colour-coded
station numbers

Links to
other
stations

Resources might
not need 'clear'

Each links to the
relevant resource

Resource type made
clear on this page

Colour-coded station number

Box filled in automatically
using data from hub map
Links to other stations

Need to make on a resource
which station(s) it belongs to,
then this list can be
generated automatically

Each station needs to have a
list of key questions recorded
(perhaps 'key questions and examples')

Need to make some resources
as highlights, then they can be
included here automatically
with links

Link to a corresponding page
for teacher support at this
station