Comments	Tag	Rationale from framework	Rationale within excerpt	Rationale beyond excerpt
	Troubleshooting and debugging	The group has identified an unexpected problem and working to correct it in a systematic manner.	The group has identified a problem through the output of VPython error shell (line 57). The unexpected problem is that they have defined their force as a scalar but it needs to be given a direction (line 67).	
nter-Rater Comments	Tag	Rationale from framework	Rationale within excerpt	Rationale beyond excerpt

the shell output
put into the
example to
make clear
what the
students
recongized and
what they dealt
with
Troubleshooting
and working to correct it in

The group has identified a problem through the output of VPython error shell (line 57). The unexpected problem is that they have defined their force as a TypeError: un

recongized and what they dealt with.

an unexpected problem and working to correct it in and debugging and working to correct it in a systematic manner.

defined their force as a scalar but it needs to be given a direction (line 67).

TypeError: unsupported operand type(s) for +: 'vector' and 'float'

time

Inter-Rater