

2011 Sec 1 Physics Enrichment 3 Mass & density - The "Diver"

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Team memb	oers:)	
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 Every tea 	m member must submit this	worksheet a	t th	e end of the ac	tivity.
Objectives:	Design a "diver" that stays f bottom of the tank).	ully-submerg	ged	in water (but n	ot sink to the
Apparatus:	fish tank, 2x pendulum bobs blu-tack, electronic balance,				
arrive at a	am discussion, write down a	•			swer first to

Pr •	ocedure Write down clearly and number all the steps you have taken to carry out the experiment, including measurements and instruments used.
1.	<u> </u>
Ok •	servations & Calculations Record neatly the readings you have taken and calculations you have made.
	flections Was your "diver" designed successfully?
2.	What may have gone wrong (if not successful)? What could be improved in your procedure?
3	What have you learnt from this experience?

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