



Making Your Mark- Teacher's Notes

When we make scientific drawings we often have to draw the objects "to scale", so we can fit them on the page. For example, trying to make a drawing of the planet Jupiter, which is so large that you can place 1,321 planet Earths inside and still have a bit left over, can present some problems if you only have a standard sheet of A4 paper.

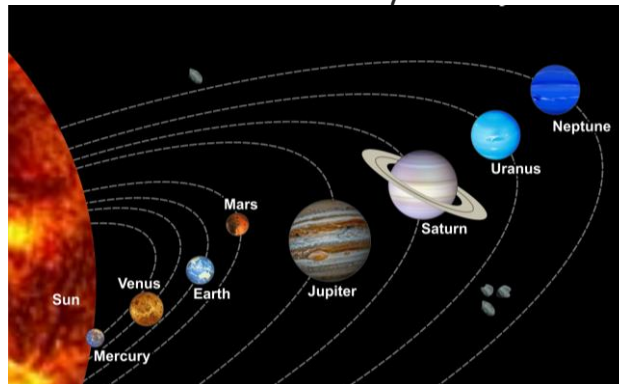
Learning to answer the questions asked and looking at the marking key are important skills for students to learn. If the key gives three marks then three answers are needed.

Students were asked to draw a scaled drawing of our Solar System.

Marks were awarded for:

- | | |
|---|-----------|
| 1. Keeping to scale | (1 mark) |
| 2. Scale written on drawing | (1 mark) |
| 3. Correctly labeling the planets and the Sun | (9 marks) |
| 4. Give the drawing a title | (1 mark) |
| 5. Neat work | (1 mark) |
| 6. On time | (1 mark) |
| 7. Name of student | (1 mark) |

A student handed this in on time. How many marks should they get?



The student should get no marks because they were asked to produce a drawing.



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Another student handed in this work two days late. What marks should they get? Explain your answer.



7/15

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| 1 Not to scale | (0) |
| 2 No scale given | (0) |
| 3 Two of the planets' names were misspelled and the Asteroid Belt was not required | (7) |
| 4 The title should have been "The Solar System". | (0) |
| 5 The planets were not drawn spherical or circular | (0) |
| 6 Late | (0) |
| 7 No name | (0) |



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