

### Properties of solids, liquids and gases

1. How big are particles?
2. How are particles arranged in solids?
3. What holds particles in this arrangement?
4. How are particles arranged in liquids?
5. How are particles arranged in gases?
6. Why can't solids be squashed easily?
7. Why can't solids flow?
8. Why do solids have a fixed shape?

9. How would you describe the density of solids in general?

10. Why do solids have this density?

11. Why can liquids not be squashed easily?

12. Why do liquids have a fixed volume?

13. Why are liquids able to flow?

14. Why do liquids, in general, have a relatively high density?

15. Why are gases easy to squash?

16. Why do gases have a low density?