



GRADE 8 - SCIENCE

THE PARTICLE MODEL OF MATTER



Session 1:

1. Turn to page 34 of your Blue Notes.
2. Read through the definitions at the top of the page.
3. Follow the link below, which will take you to a webpage about Matter. Read through the webpage and try to fill in the definition of matter just below the definitions box of your notes that says **Matter is** _____:
[https://chem.libretexts.org/Bookshelves/Introductory_Chemistry/Map%3A_Introductory_Chemistry_\(Tro\)/03%3A_Matter_and_Energy/3.01%3A_What_is_Matter%3F](https://chem.libretexts.org/Bookshelves/Introductory_Chemistry/Map%3A_Introductory_Chemistry_(Tro)/03%3A_Matter_and_Energy/3.01%3A_What_is_Matter%3F)
4. Follow the link below, and read the section on the webpage called "**The Particle Model**". Once you've read that section, you should be able to fill in the missing spaces on page 34 that says "**The particle model of matter is dependent on four basic ideas:**"
5. Link: <https://schoolworkhelper.net/models-of-matter-particle-model/>

Session 2:

1. Turn to page 35 of your Blue Notes.
2. Watch the following video, and while you are watching, fill in the table on page 35 of your Blue Notes.
3. Link to video: https://www.youtube.com/watch?v=OTksau0_Vol
4. Read through the section called "Change of state" that starts at the bottom of page 35 and the whole of page 36 after you have watched the video.

Session 3:

1. Read through page 25 of your study guide.
2. Watch the following video: <https://www.youtube.com/watch?v=KRLNDTmBFZY>
3. Complete the sentence at the top of page 37 in your Blue Notes: **Diffusion is** _____.
4. Read through the rest of page 37.
5. Complete Exercise 1 page 37 – 39.
6. Stop where it says "Density, Mass and volume" on page 39.

