

3-3: Diagramming

Another great tool that you can use to understand the ideas better and remember them better is to use diagrams. And this mostly works with the principle of associations. So you create a lot of connections between ideas you will remember them better. So if you are working on an idea and you're not sure how to do it, consider making a diagram. If you ever heard of my mapping before, that's a very popular technique. My mapping is the most specific version of diagramming. So with my mapping you pick up a central idea and you have the branch out that works with diagramming you can choose ideas in all sorts of manners. So it doesn't have to be these roots and then explore the hierarchy like that you can just create connection between different ideas. And I'm going to discuss flow based note taking in the later chapter which is very similar to diagramming. But diagramming the point is you are working this on your own time. So you try to understand an idea or set of ideas better then why not create a diagram.

So the diagrams are also really good because it forces you to think about the idea in not abstract terms. So another advantage is you draw pictures or if you are creating a little image then you can draw diagram in a way to secure that knowledge. So let's take a look at some examples of diagramming so you can see how you can implement these ideas for yourself. Let's take a look on the example of diagramming here from computer science the idea of the quick sort which is an algorithm for sorting a list development. Now the way this works is that you can draw pictures in order to try to represent the idea. So in this case, I'm trying to represent the algorithm in the picture of form so that I can see it and see how it works. Now this is good for 2 reasons, one it helps you understand the idea better because but you are actually seeing what's going on instead of understanding the abstract. And second it forms a visual memory so you have something to associate with. So here what I'm wanted try to focus on the algorithm is focusing both the recursive nature of it by drawing this picture within the picture. So I have this vivid element and everything smaller and everything larger, shop table size, but I also want to create self partition. So I wanted to show that this, actually this question process is picking a vivid and then creating a new partition in course on each half that you create with this new algorithm. So drawing in some few steps can be useful and try to represent the idea the way is more vivid and also in the way that is understanding the idea in the deeper way that you first covered is very good in order to understand the idea using the diagram