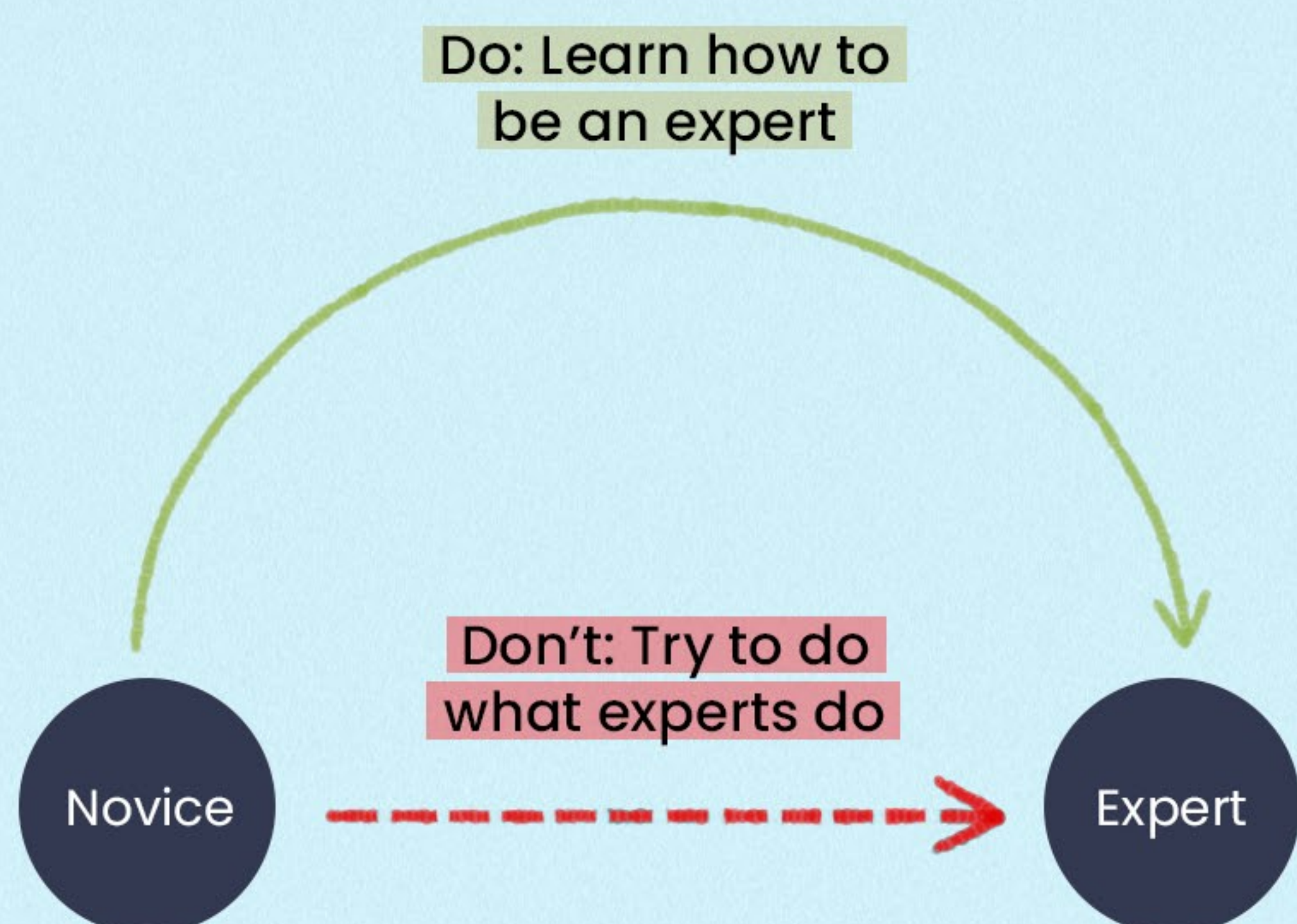


4 counterintuitive concepts on how we learn

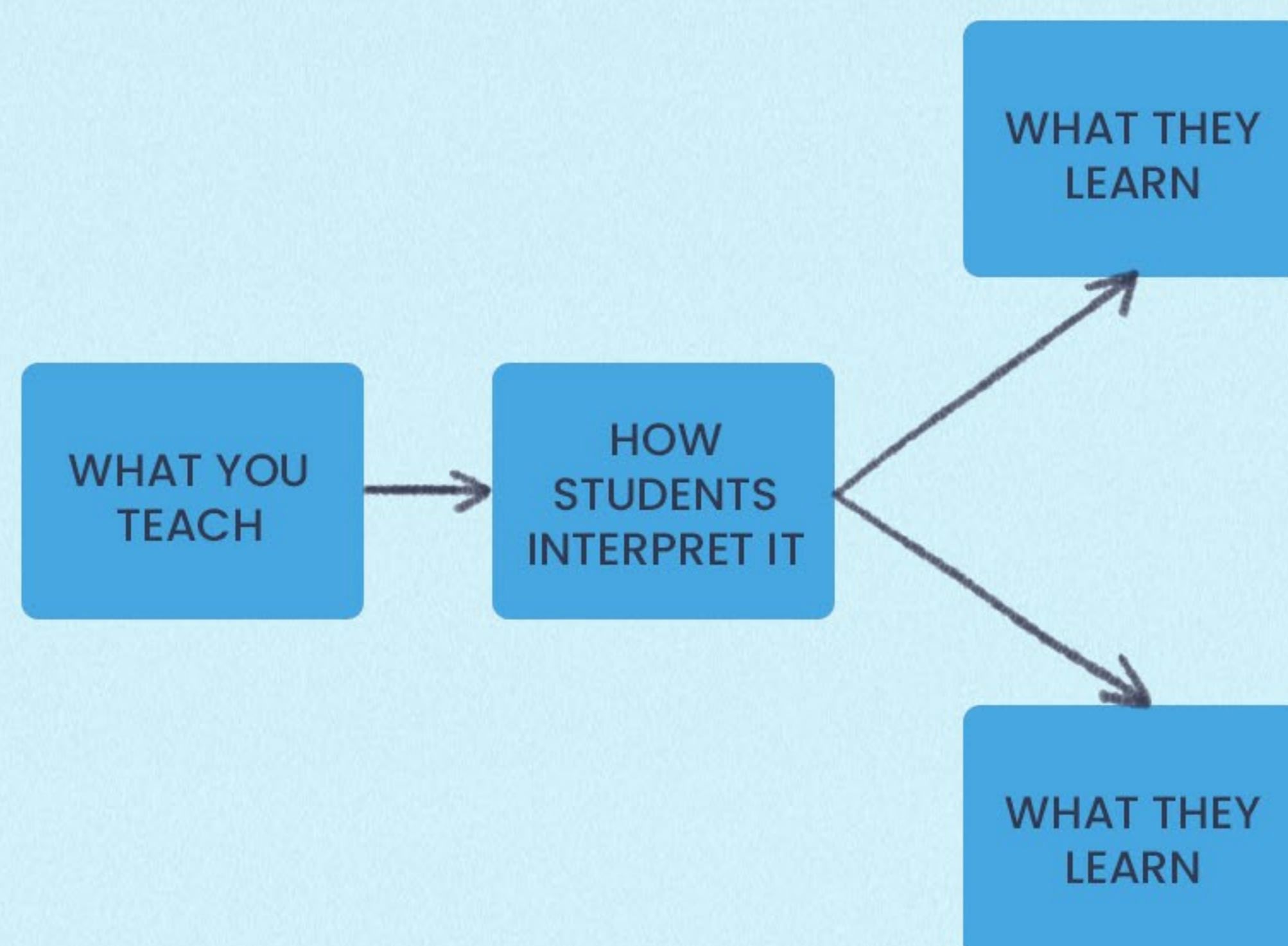
By Sarah Cottingham | Illuminated by @Inner_Drive | innerdrive.co.uk

1. To increase expertise, don't do as the experts do



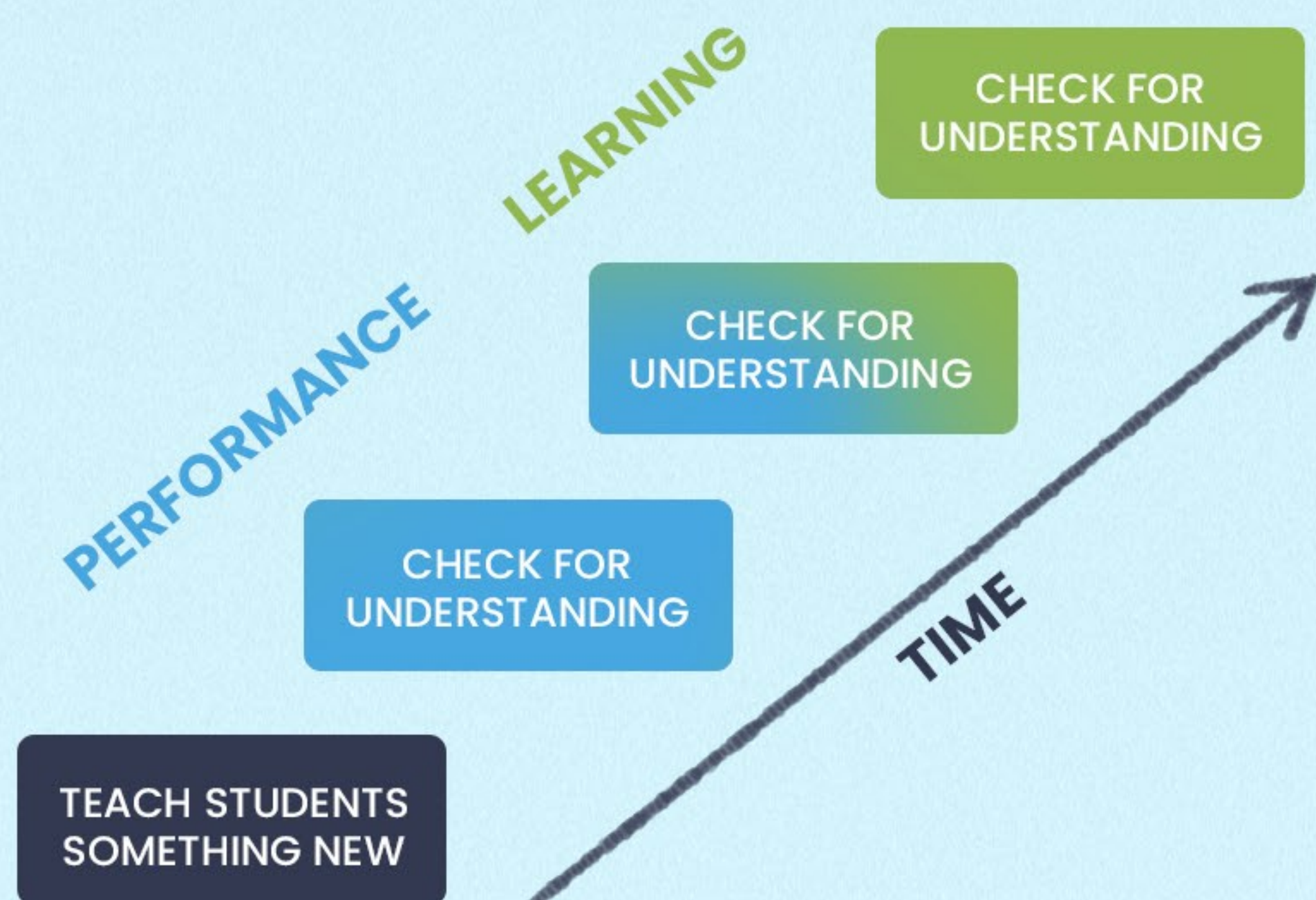
... so, build domain-specific knowledge in chunks and use modelling and scaffolding.

2. Pupils don't learn what you teach them



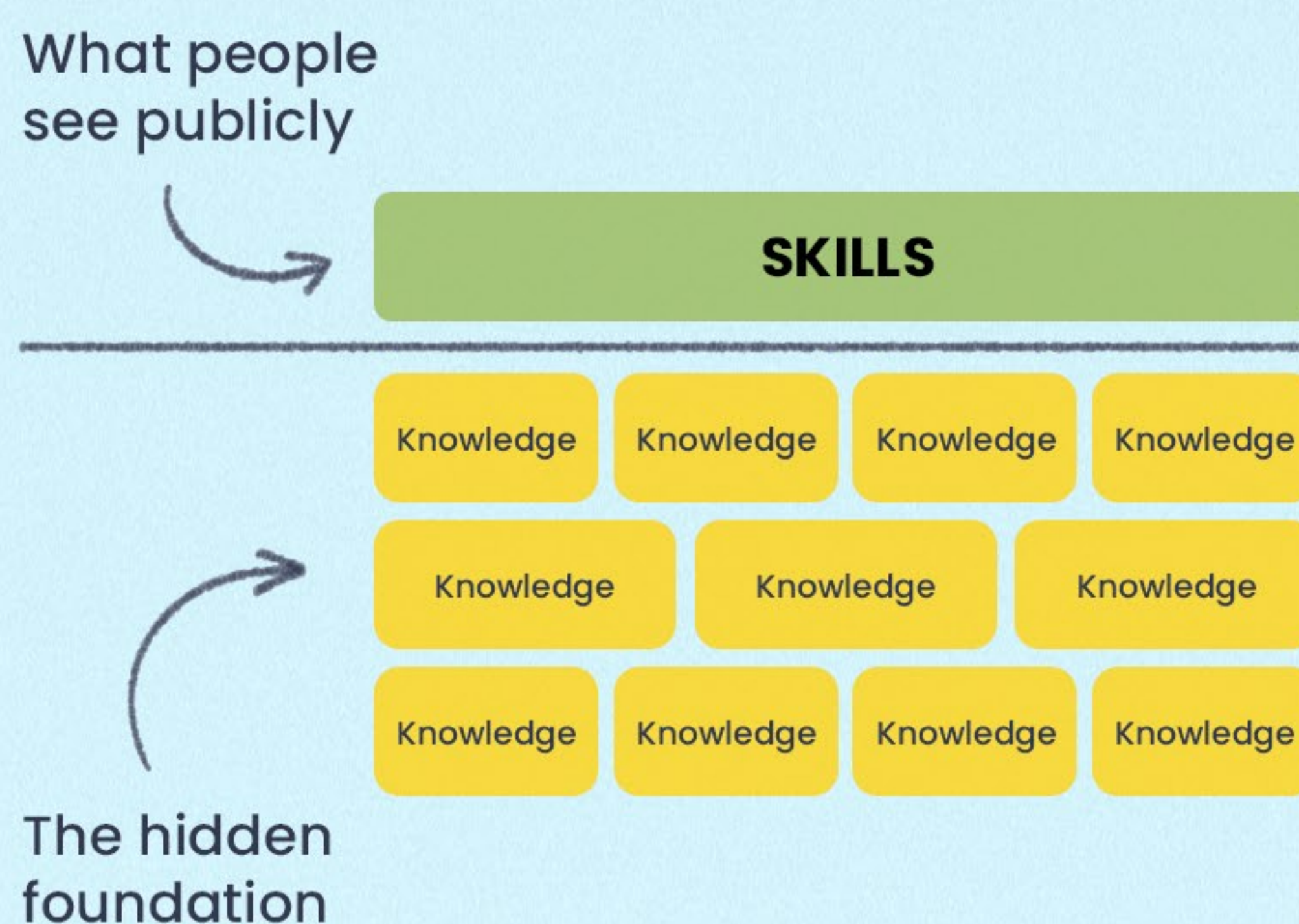
... so regularly check for understanding, link new material to what they know, and share common misconceptions.

3. Pupils' performance may not be a good indicator of learning



... so check learning over long periods of time and use Retrieval Practice, Spacing and Interleaving.

4. Skills are built on domain-specific knowledge



... so avoid teaching general "critical thinking". Build knowledge and get students to apply it in different ways.