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- Horizon knowledge is advanced knowledge that equips teachers with perspective for their work; it is not knowledge of the kind they need to understand in order to explain it to pupils
- Knowledge of the horizon does not create an imperative to act in any particular mathematical direction
- Some horizon knowledge is topics, some is practices, some is values
- We don't know several important things:
  - How far out or in what direction the useful horizon extends
  - How much detail is needed
  - How horizon knowledge can be acquired and developed
  - How horizon knowledge is related to student achievement