Help students create a schedule
→ What is most reasonable for them?
→ Brief periods spread out over the week.
→ Blocking it off on a calendar is best.

Students record
→ Be honest, when are they studying?
→ Have them also record productivity during the study sessions.

Discuss in class
→ What worked? What didn't work?
→ What are the challenges?
→ How do we overcome the challenges?
→ What is realistic?

Help students adjust the schedule
→ What is most reasonable for them?
→ Brief periods spread out over the week.
→ Blocking it off on a calendar is best.

Students record
→ Be honest, when are they studying?
→ Have them also record productivity during the study sessions.

Discuss in class
→ What worked? What didn't work?
→ What are the challenges?
→ How do we overcome the challenges?
→ What is realistic?
Retrieval Practice

Effects on Learning

- Retrieval Practice
- Direct Effect
- Indirect Effects
  - Feedback
  - Study allocation
  - Motivation
- Learning
**Clouds**

- **Cumulus clouds** are seen during what type of weather?
- Describe **stratus clouds** (shape and color)

- Describe **cumulus clouds** (shape and color)

- **Fog** is made of what type of cloud?

**What type of weather do stratus clouds bring?**

**Direct effects of retrieval practice**

- **STUDY**
- **RETRIEVAL**
- **RETRIEVAL**
- **RETRIEVAL**
- **RETRIEVAL**
- **FINAL TEST**

- **STUDY**
- **RETRIEVAL**
- **RETRIEVAL**
- **RETRIEVAL**
- **FINAL TEST**

**Concept Map**

- Concepts labelled
- Linking words
- Call to mind

**ANSWERING**

**WRITING**

**DRAWING**

**ORGANISING**
Do Students realize retrieval helps?  
(Roediger & Karpicke, 2006, Exp 2)
Do Students realize retrieval helps?  
(Roediger & Karpicke, 2006, Exp 2)

What about students who struggle?  
(Karpicke, Blunt, Smith & Karpicke, 2014, Exp 3)
What about students who struggle? (Karpicke, Blunt, Smith & Karpicke, 2014, Exp 3)

Not much retrieved during practice...

Scaffolding ideas (Karpicke et al., 2014)

Fill in maps

The Desert
A desert has a dry climate. Less than 10 inches of rain falls in rainfall is not steady. Several centimeters of rain may fall with months there could be no rain at all.

Temperatures in most deserts change a lot from night to day. Sun warms the land and air. After the Sun sets, the temperature

Few plants can survive in the desert because the soil is most
Scaffolding ideas (Karpicke et al., 2014)

Guided retrieval can help students who struggle

Recall in maps

![Clouds diagram]

![Proportion Recall graph]