

## Schedule

### ! Access to readings

Please try to retrieve readings from the library, using the citation and links in the schedule below. Doing so gives the library a more accurate count of article and book usage, and that helps in negotiations with publishers. If

Some readings will not be readily available. I am working my way through the reading list to make PDFs of these available via Canvas. So, please bear with me. The Canvas folder is [here](#).

## Week 01

**Friday, August 29, 2025**

### Topics

- Introduction to the course
- The cognitive sensibility

### General Readings

- @Siegler2021-py Chapters 1 & 3; @Bayne2019-ot; @Simmering2010-ba; @Ritter2014-eq Chapter 11

### Assignment

- Complete presentation preference [survey](#). (Sign-in with your PSU access ID, e.g., rog1).

## Week 02

**Friday, September 5, 2025**

### Topics & Readings

- Theoretical foundations: Piaget
  - *General Readings*: @Siegler2021-py Chapter 2; @Piaget1952-dm; @Newcombe2013-qy

## Week 03

Friday, September 12, 2025

### Topics

- Piaget: Deep dive
  - *Student presentation A*: How robust is the evidence for Piaget's trajectories?
    - \* *Read*: @Elkind1961-ns; @Gelman1972-we
  - *Student presentation B*: When does object permanence emerge?
    - \* *Read*: @Baillargeon1985-vl; @Baillargeon2008-gz

## Week 04

Friday, September 19, 2025

### Topics & Readings

- Nativism and Core Knowledge
  - *General Readings*: @Spelke2007-ts; @Spencer2009-jo; @Spelke2009-xx; @Landau2009-jl; @Spencer2009-xu

## Week 05

Friday, September 26, 2025

### Topics & Readings

- Nativism and Core Knowledge: Deep dive
  - *Student Presentation C*: How does changing the task inform on the underlying construct(s) about physical knowledge?
    - \* *Read*: @Spelke1992-re; @Hood2000-yd; @Keen2003-vj
  - *Student Presentation D*: Rich interpretation of group differences in infant looking-time paradigms: How rich is dangerous? Necessary? Productive?
  - *Read*: @Aslin2007-yt; @Paulus2022-fg; @Stahl2022-fy; @Haith1998-vu

## Week 06

Friday, October 3, 2025

### Topics & Readings

- Constructivism & its variants
  - *General Readings:* @Newcombe2011-wd; @Mareschal2011-fw; @Karmiloff-Smith2009-zs; @Spencer2011-fp; @Newcombe2011-pn

## Week 07

Friday, October 10, 2025

- Constructivism: Deep dive
  - *Student Presentation E:* How do developmental disorders inform our understanding of cognitive development?
    - \* *Read:* @Karmiloff-Smith1998-be
  - *Student Presentation F:* The risks of generalization
    - \* *Read:* @Packer2022-gn; @Kominsky2022-we; @Lucca2025-gy

## Week 08

Friday, October 17, 2025

### Topics & Readings

- Emergentism & dynamic systems
  - *General Readings:* @Thelen2003-tt; @Thelen1063-vk

## Week 09

Friday, October 24, 2025

### Topics & Readings

- Emergentism & dynamic systems: Deep dive
  - *Student Presentation G*: A connectionist model to explain why infants seem so smart
    - \* *Read*: @Munakata1997-zx
  - *Student Presentation H*: Emergentism and variants of the A-not-B task
    - \* *Read*: @Smith1999-xz

## Week 10

Friday, October 31, 2025

### Topics & Readings

- Embodied cognition
  - *General Readings*: @Pfeifer2006-nx; @Smith2018-nc
- *Student Presentation I*: Does development gate input to prevent a “blooming, buzzing confusion?”
  - *Read*: @Kretch2014-ck; @Franchak2018-oj
- *Student Presentation J*: How AI & robotics inform developmental science?
  - *Read*: @Ossmy2018-fr; @Ossmy2024-qj

## Week 11

Friday, November 7, 2025

### Topics & Readings

- Sociocultural development
  - *Read*: @Siegler2021-py Chapter 4; @Tomasello2016-rx

## Week 12

Friday, November 14, 2025

### Topics & Readings

- Sociocultural development: Deep dive
  - *Student Presentation K*: Imitation in cultural learning
    - \* *Read*: @Legare2015-im; @Herrmann2013-rb; @Lyons2007-ng
  - *Student Presentation L*: Gesture
    - \* *Read*: @Novack2015-kl; @Wakefield2018-tq

## Week 13

Friday, November 21, 2025

### Topics & Readings

- Learning from others
  - *General Readings*: @Gelman2009-jg; @Sobel2013-lb
  - *Student Presentation M*: Learning from testimony
    - \* *Read*: @Harris2018-eh; @Jaswal2010-dz

## Thanksgiving Break

NO CLASS

## Week 14

Friday, December 5, 2025

### Topics & Readings

- Conceptual development
  - *General Readings*: @Siegler2021-py Chapter 8; @Mandler1992-vb
  - *Student Presentation N*: Naive psychology
    - \* *Read*: @Onishi2005-co; @Wellman2012-ny; @Ding2015-bp

## Week 15

Friday, December 12, 2025

### Topics & Readings

- Systems
  - *Read:* @Bronfenbrenner1977-cm, @Oyama2001-cf, @Hartley2022-dd
  - *Student Presentation O:* Poverty is bad for cognition.
    - \* *Read:* @Taylor2020-dp; @Amso2020-jo
  - *Student Presentation P:* Poverty can be adaptive for cognition.
    - \* *Read:* @Frankenhuis2016-wl; @Frankenhuis2020-ld