

Dissection Of Sheep Brain

Saket Choudhary

February 14, 2017

BISC 104

Session 5

Today's Experiment

- Dissecting a sheep's brain

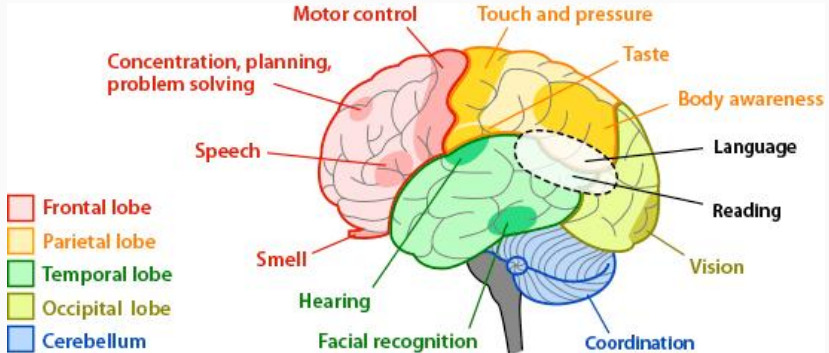
Today's Experiment

- Dissecting a sheep's brain
- Completely exploratory!

Today's Experiment

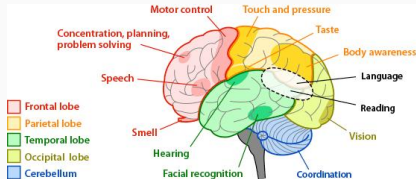
- Dissecting a sheep's brain
- Completely exploratory!
- Try finding all parts/regions mentioned in your handout

Brain Regions



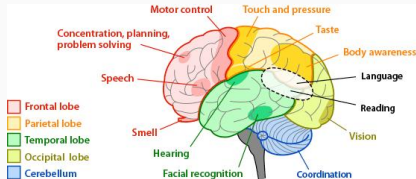
https://www.youtube.com/watch?v=vE3Yf_xymE

Brain Regions



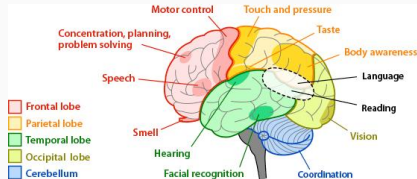
- Frontal: Movement, speech, coordination, judgement

Brain Regions



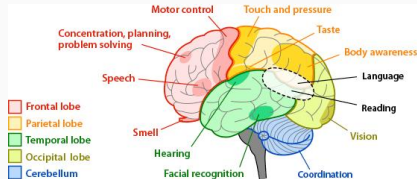
- Frontal: Movement, speech, coordination, judgement
- Parietal: Touch, pressure

Brain Regions



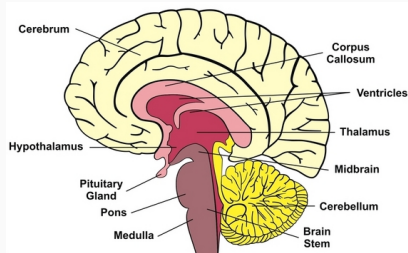
- Frontal: Movement, speech, coordination, judgement
- Parietal: Touch, pressure
- Temporal: Memory, hearing

Brain Regions



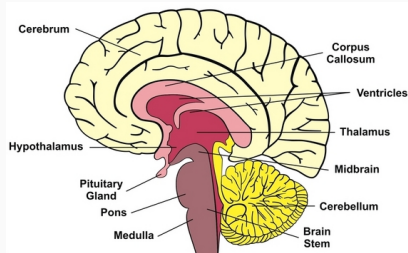
- Frontal: Movement, speech, coordination, judgement
- Parietal: Touch, pressure
- Temporal: Memory, hearing
- Occipital: vision

Some other structures



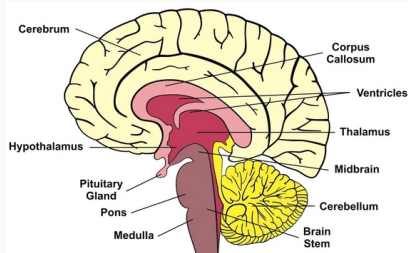
- Hypothalamus: Hunger, thirst, sexual response

Some other structures



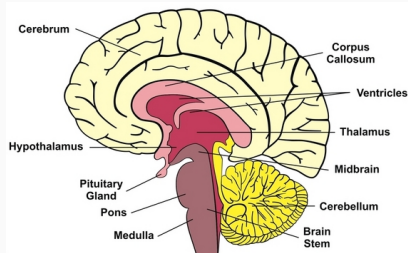
- Hypothalamus: Hunger, thirst, sexual response
- Pituitary gland: "Master gland"

Some other structures



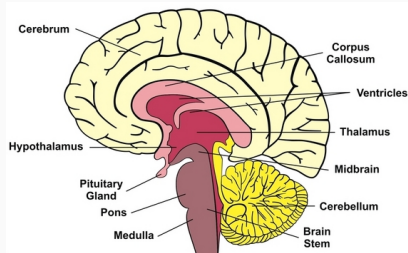
- Hypothalamus: Hunger, thirst, sexual response
- Pituitary gland: "Master gland"
- Cerebrum: Largest part of brain

Some other structures



- Hypothalamus: Hunger, thirst, sexual response
- Pituitary gland: "Master gland"
- Cerebrum: Largest part of brain
- Cerebellum: "little brain": attention, language

Some other structures



- Hypothalamus: Hunger, thirst, sexual response
- Pituitary gland: "Master gland"
- Cerebrum: Largest part of brain
- Cerebellum: "little brain": attention, language
- Pons: forebrain to cerebellum signalling

Tuesday: 9-10AM
Thursday: 9-10AM
ZSH 372

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