### Language as an Inborn Faculty

Language evolves in the brain and is not a learned skill, but rather an innate ability.

#### Inherited language impairments

- There is no clear consensus about the inborn nature of language, even regarding the diverse effects of brain damage.
- Theories about genetic causes of language impairments are not yet established.

#### Genes of language

- The neural network for language is thought to be inborn and not learned.

#### How to properly identify and characterize genes related to language?

- Choosing and evaluating suitable phenotypes

#### Choosing and evaluating suitable phenotypes

- Phenotypic language impairments
- Genomic language impairments
- Syntactic impairments
- Alternatives for speech

#### Assessing heritability

- Cloning strategies

#### Cloning strategies

- Premier specific language impairments may be accurately linked to specific genetic anomalies (defects)

#### What if there are no genes?

- How do you assess and validate your new findings about language?

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### Language evolution and development

- Language is a product of evolution and development.
- The evolution of language is thought to be a byproduct of brain evolution.

#### Evolutionary theories of language

- Darwinian theory
- Co-evolutionary theory

#### Neomorphism

- Language is a product of evolutionary processes.

#### The controlled environment

- Language is a product of evolutionary processes.

#### Can these positive language traits be precisely defined?

- The evolution of language is a complex process that involves many factors.

#### How did the evolution of language begin?

- The evolution of language is thought to have occurred over millions of years.

#### What are the implications of the evolution of language?

- The evolution of language has had a significant impact on human society.

#### What could be the evolutionary advantages of a language system?

- The evolution of language has allowed humans to communicate and share ideas.

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### Language acquisition and development

- Language acquisition is a complex process that involves many factors.
- Language acquisition is thought to be a product of evolution.

#### What is the role of language in human development?

- Language is a key factor in human development.

#### How do language and culture interact?

- Language and culture are closely interrelated.

#### What are the implications of the relationship between language and culture?

- The relationship between language and culture is complex and multifaceted.

#### How does language influence cultural identity?

- Language is a key factor in cultural identity.

#### How does cultural identity influence language use?

- Cultural identity influences language use.

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### Language as a mirror of cultural values

- Language reflects cultural values.

#### What can be inferred about a culture's values through its language?

- Language can reveal a culture's values.

#### How does language reflect cultural values?

- Language reflects cultural values through its vocabulary, grammar, and pronunciation.

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### Language and society

- Language is a product of society.

#### What is the role of language in society?

- Language is a key factor in society.

#### How does language influence social interactions?

- Language influences social interactions.

#### What are the implications of language on social interactions?

- Language influences social interactions in complex ways.

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### Language and the brain

- Language is a product of the brain.

#### What is the role of the brain in language?

- The brain is key to language.

#### How does the brain process language?

- The brain processes language through specialized areas.

#### What are the implications of the brain's role in language?

- The brain's role in language is complex and multifaceted.

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### Language and the environment

- Language is a product of the environment.

#### What is the role of the environment in language?

- The environment is key to language.

#### How does the environment influence language?

- The environment influences language in various ways.

#### What are the implications of the environment's role in language?

- The environment's role in language is complex and multifaceted.

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### Language and evolution

- Language is a product of evolution.

#### What is the role of evolution in language?

- Evolution plays a key role in language.

#### How does evolution influence language?

- Evolution influences language through natural selection.

#### What are the implications of evolution's role in language?

- The role of evolution in language is complex and multifaceted.