



LEARNINGbyte

Other Topics

Prematurity and Autism Pop Quiz



PURPOSE OF ACTIVITY

The purpose of this activity is to quickly share information about the correlation between prematurity and autism.



RESOURCES NEEDED

- **Article** - [Autism Speaks: Prematurity and Autism](#)
- **Handout** - Prematurity and Autism Pop Quiz (at bottom also with answer key)
- Music (optional)
- Small door prizes (optional)



SPECIFIC STEPS

1. As group convenes, distribute copies FACE DOWN of the article, [Autism Speaks: Prematurity and Autism](#) and the handout, Prematurity and Autism Pop Quiz.
2. Inform participants that this is a pop-quiz game. When you begin the music (and not before), they should review the article and answer the pop-quiz questions as quickly as possible.
3. The first person to correctly answer all the questions wins a small door prize. If the first person has an incorrect answer, go to the next participant who completed the quiz with the next highest score.
4. Option: If you want to eliminate the competition, delete the music and time factor. Encourage participants to answer each question. Review the answers as a group asking each participant to score their own quiz. Distribute small door prizes to anyone with 100% (or whatever cut-off criterion of your choosing.)



ADDITIONAL RESOURCES

Talks on Tuesday

- [Neurotypical Brain Development: "How Different Is It from Autism, ADHD, Language Delay, etc.?"](#)

Website

- [Autism Speaks](#)

Article

- [Neuropathology of Infantile Autism](#)

Prematurity and Autism Pop Quiz

1. (2 points) Common factors predisposing infants to autism include:
 - a. Extreme prematurity
 - b. Being a girl
 - c. Low birth weight
 - d. Intrauterine infection during pregnancy
 - e. A, C, D
 - f. All of the above

2. (2 points) Extreme prematurity with very low birthweight have a higher risk of developing autism than full-term infants. T/F

3. (2 points) Injuries to the _____ appear to have a particularly high risk of autism:
 - a. Temporal lobe
 - b. Cerebellum
 - c. Occipital lobe
 - d. Brainstem

4. (2 points) Most crucial brain development occurs during:
 - a. The third trimester
 - b. The first trimester
 - c. The second trimester
 - d. A and C
 - e. B and C

5. (2 points) Prematurity is not associated with higher risk of neurodevelopmental disabilities. T/F

6. (5 BONUS POINTS from Talks on Tuesday, NEUROTYPICAL Brain Development: “How Different Is It from Autism, ADHD, Language Delay, etc.?”)

At 35 weeks gestation, a baby’s brain weighs only _____ of what it will weigh at 39-40 weeks gestation?

- a. 1/4
- b. 2/3
- c. 1/3
- d. 3/4

Prematurity and Autism Pop Quiz

ANSWER KEY

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 - e. A, C, D
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