



TACKLING MATH EARLY

Talking about math during games is a great time to help kids better understand math in real life! Early math skills set your child up for academic success in school later on.

FOR AGES 3-5

Try these questions below or ask your own!

NUMERALS

Recognizing printed numbers:

- What numbers can you see on the field? The scoreboard?
- Can you find the player with the number 8 on their jersey?

COUNTING & QUANTITIES

Knowing the order of numbers and understanding amounts:

- How many players do you count?
- If a team has 3 points and they score 1 more, how many points will they have?
- Do the teams have the same amount of players? How about the same amount of fans?

SHAPES

Identifying and describing shapes:

- What shape is the football field?
- What other shapes can you see in the game? Circles? Triangles?
- Are the helmets round or flat?

SPATIAL ORIENTATION

Knowing where things are in space and how they compare to others:

- Are the players close to you or far away?
- Do players' heads go inside or outside of a helmet?



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GIANT LEAPS
start with
LITTLE FEET



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FOR AGES 5-8

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ADDITION & SUBTRACTION

Understanding how amounts change by combining or taking away:

- How many points are earned if a team scores a touchdown and has a successful kick after? What if they score a field goal too?
- How many points did a team win by if the score is 10-6?
- If a team gets a 5-yard penalty on a first-down, how many yards do they now need to run?
- If it's the third-down with 5 yards to go, how many yards have they run already?
- How many minutes are left in the game at halftime?

FRACTIONS

Determining the parts of a whole:

- How many quarters are in a football game?
- Why do we call it halftime?
- If it's the end of the third-quarter, how many quarters are left in the game?

MEASUREMENT

Using quantities to describe the size of things:

- What is the length of a football field?
- How many feet are in a yard?
- What yard-line is the midpoint?



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