



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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