

# BACK TO SCHOOL



## This little piggy

Years 3 to 6: Probability

Introduce the game of Pig.  
Gain points with each roll of the dice or  
lose all points rolling number 1.

When do you use probability in  
your daily life?



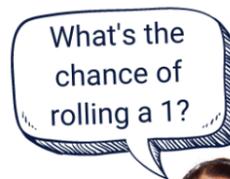
### Chance of Winning

What is the chance I can win  
the next game?



### Clothing Options

How many outfit  
combinations can I make  
with 2 pants and 2 tops?



Pig



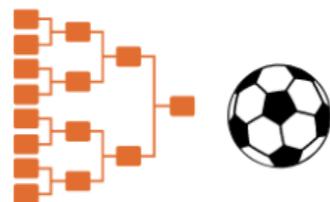
Player 1	Player 2
6	
5	
4	

Make a list of the times you use  
probability in your daily life.



### Weather Predictions

Based on the weather this  
week, should we have the  
party this weekend inside or  
outside?



### Sports Games

If our team wins this week,  
who might we play in the finals?

### Pose questions

- How many times was a number other than one rolled each turn?
- What was the average number of rolls before you rolled a one?
- How could the data collected help you decide when to take the chance and roll again?
- How could you use probability to help decide whether to roll just one more time? Is the risk worth it?

Find more details on this and other Probability lesson  
ideas in the free Maths in Schools 3 - 6 online course.