# Mathematics Class Slides
## Bronx Early College Academy

Chris Huson

30 January - 9 February 2019

6.1 Probability definitions, Wednesday 30 January

6.2 Venn diagrams, Thursday 31 January

6.3 Addition rule of probabilities, Monday 4 February

GQ: How do we talk about probability?

CCSS: HSF.IF.C.7 Analyze functions            6.1 Wednesday 30 January

Do Now: Skills check p. 62 #1-2

Lesson: History of the study of games of chance, sample space, frequency

Homework: Exercises 3A p. 67-68

GQ: How do we notate sample spaces with Venn diagrams?
CCSS: HSF.IF.C.7 Analyze functions          6.2 Thursday 31 January

Do Now: Probability handout

Lesson: Sets, complements, union, intersection, empty set

Homework: Exercises 3B p. 71-72

# GQ: How do we add the probabilities of multiple events?

CCSS: HSF.IF.C.7 Analyze functions          6.3 Monday 4 February

Do Now: Draw a Venn diagram of these 110 students:

► 25 students took physics

► 45 students took biology

► 48 students took mathematics

► 10 students took physics and mathematics

► 8 students took biology and mathematics

► 6 students took biology and physics

► 5 students took all three subjects

How many took biology, but neither physics nor mathematics?
How many students did not take any of the three subjects?

Lesson: The addition rule, probability
Homework: Exercises 3C p. 74-75