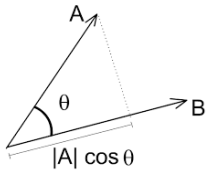
Week 15
Term 2
2020

HAWKER COLLEGE
Engage | Inspire | Achieve

Learning Brief
SM1

1. Goals



By the end of this unit, students:

- understand the concepts and techniques in combinatorics, geometry and vectors
- apply reasoning skills and solve problems in combinatorics, geometry and vectors
- communicate their arguments and strategies when solving problems
- construct proofs in a variety of contexts including algebraic and geometric
- interpret mathematical information and ascertain the reasonableness of their solutions to problems.

This week's focus:

- Vector Projections

2. Theoretical Components

Readings:
Notes and Examples https://bit.ly/2Tu9Dtj

Read examples: https://bit.ly/3edhkMB

ABOUT/RESOURCES/2020S1/WK15

Vector Projections:

- https://goo.gl/q5Sf9B
- https://goo.gl/yKTPp4
- https://goo.gl/H41y35
- https://goo.gl/y3BAVP

3. Practical Components

Attempt all the questions:
ABOUT/RESOURCES/2020 S1/

- WK15 Vector Projections

4. Investigation

None this week….

Prepare for the In-Class (WK15 Friday, 60 mins).

5.QFO

Quiz/Forum/Other

Additional reading on multiplying vectors: http://goo.gl/6rVbQ0

Quiz: https://bit.ly/3gc4dgn