User,
Good morning!

MAIN PAGE

Manage Your Life!

Mode:
Overall/ Detailed

Become a member

Design My Future

New Project

Community

Team

Bin

Past Projects

Alevel50001 Original Course View
Mathematics
More info Open Multiple Instructors

Alevel50002 Original Course View
Phyisics
More info Open Multiple Instructors

Alevel50003 Original Course View
Chemistry
More info Open Multiple Instructors

Alevel50004 Original Course View
Economy
More info Open Multiple Instructors

Alevel50005 Original Course View
Further Math
More info Open Multiple Instructors

Current Projects

MECH50001 Original Course View
Heat Transfer
More info Open Multiple Instructors

MECH50002 Original Course View
Fluid Mechanics
More info Open Multiple Instructors

Fluid02001 Original Course View
Control volume analysis, frames of reference, fluid particles.
More info Open Multiple Instructors

Fluid02002 Original Course View
Material Derivative
More info Open Multiple Instructors

Fluid02003 Original Course View
Application to scalars; acceleration;vectors; Velocity gradients; Mass conservation
More info Open Multiple Instructors

My Future

Manu50001 Original Course View
MECH Engineer
More info Open Multiple Instructors

Manu50002 Original Course View
Civil Engineer
More info Open Multiple Instructors

Manu50003 Original Course View
Electrics and Electronics Engineer
More info Open Multiple Instructors

Finan60001 Original Course View
Investor
More info Open Multiple Instructors

Finan60002 Original Course View
Financial Advisor
More info Open Multiple Instructors

CONSEQUENCE MAP > LIFE MANAGEMENT

Mode: Overall/ Detailed

过去经历

Fluid02001 Original Course View
Control volume analysis, frames of reference, fluid particles.
More info Open Multiple Instructors

Fluid02002 Original Course View
Material Derivative
More info Open Multiple Instructors

Fluid02005 Original Course View
Dimensional analysis
More info Open Multiple Instructors

Fluid02006 Original Course View
Speed of sound
More info Open Multiple Instructors

Fluid02008 Original Course View
Boundary layer analysis
More info Open Multiple Instructors

Fluid020018 Original Course View
introduction to tuebulence
More info Open Multiple Instructors

进行中的项目

- Tutorial Sheet 001
- Tutorial Sheet 002
- Tutorial Sheet 005
- Tutorial Sheet 006
- Tutorial Sheet 007
- Tutorial Sheet 008
- Tutorial Sheet 009
- Tutorial Sheet 014
- Tutorial Sheet 017
- Tutorial Sheet 018

大脑能力

- Conservation of Mass
- Conservation of Momentum (without friction)
- Conservation of Momentum (with friction)
- Conservation of Momentum (with friction and newtonian)
- Dimensional analysis
- Isentropic Flow Equations
- Order of Magnitude
- Speed of Sound
- Mach Number
- Drag Force

未来工作

Typical Question 1

No.	Invariant Steps
Step 1	Assume...
Step 2	COM
Step 3	COP
Step 4	Pressure Analysis
Step 5	Solve the system of equations

Typical Question 2

No.	Invariant Steps
Step 1	Assume...
Step 2	COM

Typical Question 3

No.	Invariant Steps
Step 1	Assume...
Step 2	COM

CONSEQUENCE MAP> FLUID MECHANICS

Mode: Overall/ Detailed

Lectures

Fluid02001 Original Course View
Control volume analysis, frames of reference, fluid particles.
More info Open Multiple Instructors

Fluid02002 Original Course View
Material Derivative
More info Open Multiple Instructors

Fluid02005 Original Course View
Dimensional analysis
More info Open Multiple Instructors

Fluid02006 Original Course View
Speed of sound
More info Open Multiple Instructors

Fluid02008 Original Course View
Boundary layer analysis
More info Open Multiple Instructors

Fluid020018 Original Course View
introduction to tuebulence
More info Open Multiple Instructors

Tutorial Sheets

- Tutorial Sheet 001
- Tutorial Sheet 002
- Tutorial Sheet 005
- Tutorial Sheet 006
- Tutorial Sheet 007
- Tutorial Sheet 008
- Tutorial Sheet 009
- Tutorial Sheet 014
- Tutorial Sheet 017
- Tutorial Sheet 018

Formula Book

- Conservation of Mass
- Conservation of Momentum (without friction)
- Conservation of Momentum (with friction)
- Conservation of Momentum (with friction and newtonian)
- Dimensional analysis
- Isentropic Flow Equations
- Order of Magnitude
- Speed of Sound
- Mach Number
- Drag Force

Exam Format

Typical Question 1

No.	Invariant Steps
Step 1	Assume...
Step 2	COM
Step 3	COP
Step 4	Pressure Analysis
Step 5	Solve the system of equations

Typical Question 2

No.	Invariant Steps
Step 1	Assume...
Step 2	COM

Typical Question 3

No.	Invariant Steps
Step 1	Assume...
Step 2	COM

Player’ s Point of View

UNITY MAP

Mode: 1, 2

Reference Region

Dependency graph

Bill of Materails

No.	Qunatities	Equations	Fun facts about quantities/equations
1			
2			
3			
4			
5			

Tutorial Sheet Questions

Question: 1Q1, 1Q2, 1Q3

Tutorial Sheet Q1

No.	Invariant Steps/ Unique steps for this question
Step 1	
Step 2	
Step 3	
Step 4	
Step 5	
Step 6	

Exam Questions

Question: 2024Q2, 2023Q1, 2022Q2,...

Exam 2024 Q2

No.	Invariant Steps/ Unique steps for this question
Step 1	
Step 2	
Step 3	
Step 4	
Step 5	
Step 6	

UNITY MAP

Mode: 1, 2

Mode 2 Player’ s Point of View

Reference Region

Dependency graph

Bill of Materails

No.	Qunatities	Equations	Fun facts about quantities/equations
1			
2			
3			
4			
5			

Exam Questions

Exam 2024 Q2

Exam Questions

Exam 2024 Q2

Exam Questions

Exam 2024 Q2

Exam Questions

Exam 2024 Q2

Exam Questions

Exam 2024 Q2

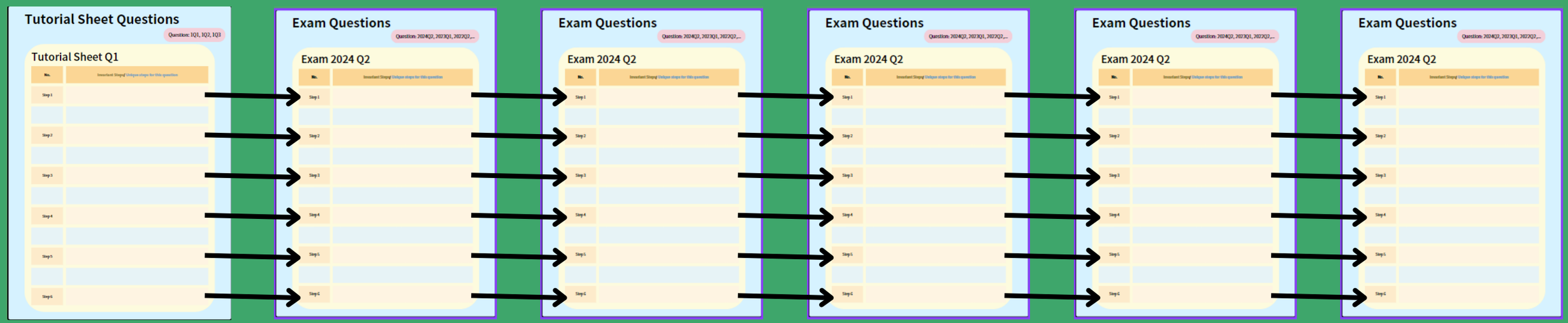
Exam Questions

Exam 2024 Q2

Mode 2 Overall Picture

UNITY MAP

Mode: 1, 2



COMMUNITY

A-level Mathematics

Mode: Unity maps/ Games

Mode: Best/ Top/ Newest

Self-Defined

My collection

Recommended

Scenario

A-level

Mathematics

Physics

ME1

Fluid Dynamics

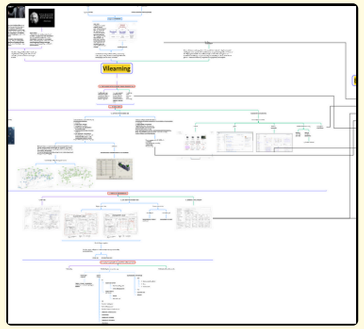
Heat Transfer

Mathematics

Mechatronics

Dynamics

Stress Analysis



Unity Map 1

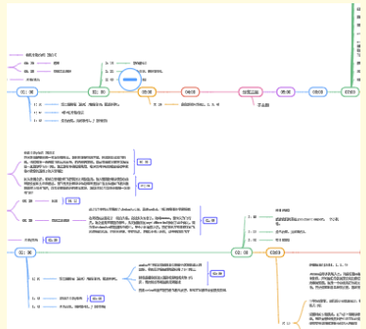
Auther: ...

Free

Unity Map 1

Auther: ...

£3.99



Unity Map 1

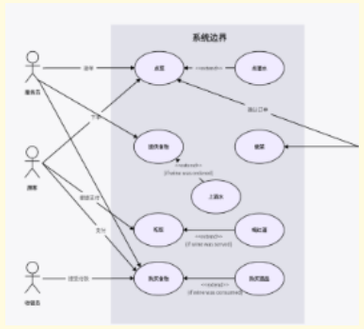
Auther: ...

Free

Unity Map 1

Auther: ...

Free



Unity Map 1

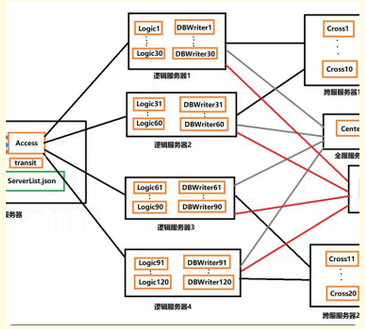
Auther: ...

£2.99

Unity Map 1

Auther: ...

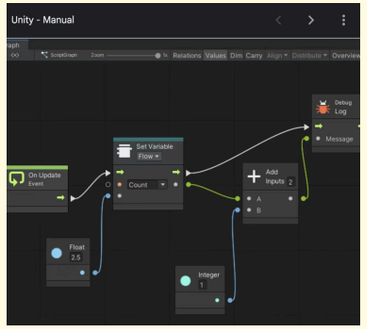
Free



Unity Map 1

Auther: ...

£2.5



Unity Map 1

Auther: ...

Free

COMMUNITY

A-level Mathematics

Mode: Unity maps/ Games

Mode: Best/ Top/ Newest

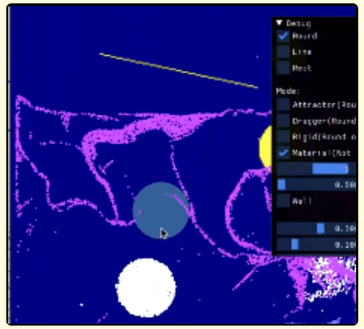
Self-Defined

My collection

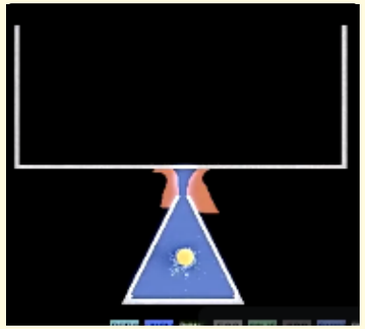
Recommended

Scenario

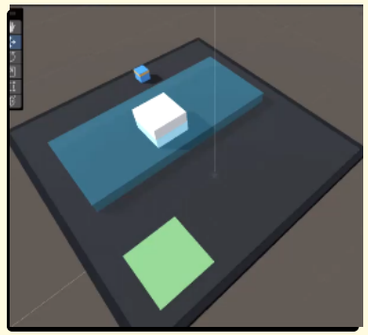
- A-level
  - Mathematics
  - Physics
- ME1
  - Fluid Dynamics
  - Heat Transfer
  - Mathematics
  - Mechatronics
  - Dynamics
  - Stress Analysis



Game 1
Auther: ...
Free

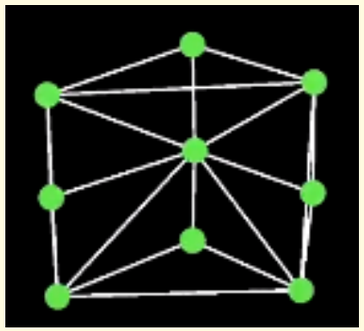


Game 2
Auther: ...
£9.99

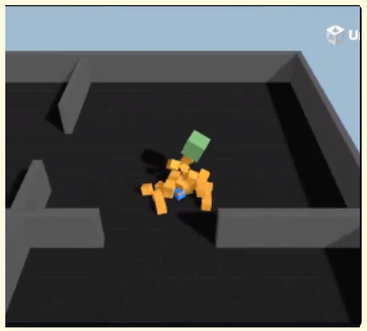


Game 3
Auther: ...
£7.99

Game 4
Auther: ...
Free



Game 5
Auther: ...
£7.99



Game 6
Auther: ...
Free

Game 7
Auther: ...
£8.99

Game 8
Auther: ...
Free