

## **TINGKATAN 4**

□ ISTILAH FIZIK :KAMUS FIZIK VERSI 1

□ LINK YOUTUBE

<https://youtu.be/wjalapYPnf8>

□ INTERFEREN Ge

<https://youtu.be/E3qLqVN5z-E>

□ TAJUK: 1.1 Kuantiti Fizik

<https://youtu.be/UhAJRBOcxMs>

□ 1.2: SCIENTIFIC INVESTIGATION □ 1.2.2 Analysing Graph

[https://youtu.be/LgQPHTvx\\_4o](https://youtu.be/LgQPHTvx_4o)

□ 1.2: SCIENTIFIC INVESTIGATION □ 1.2.1 Interpreting Graph

<https://youtu.be/DAikTjIMVu0>

### □ 1.1: PHYSICAL QUANTITIES LESSON#2

<https://youtu.be/E1zW4qaby8E>

### □ Bab 2 Daya & Gerakan 1

#### □ 2.2 Graf Gerakan Linear

<https://youtu.be/zUL83uCZkYQ>

#### □ 2.3 Gerakan Jatuh Bebas

<https://youtu.be/B05JbTDZ9C8>

#### □ 2.4 Inersia I

<https://youtu.be/ZT5Gc-sMicl>

#### □ 2.4 Inersia II

<https://youtu.be/apb--4psztY>

### □ 2.5 Momentum

<https://youtu.be/ww7Czq0MNE8>

### □ Subtopik : 2.8 – Berat

<https://youtu.be/D5rA61kkrPs>

### □ 2.8 Berat

<https://youtu.be/ppfY3082CkA>

### □ AMALI HABA FIZIK

<https://youtu.be/wcwm0nkW4dl>

### □ PEMBIASAN GELOMBANG

<https://youtu.be/94aHrNuKshw>

### □ 5.1 ASAS GELOMBANG & 5.2 PELEMBAPAN DAN RESONANS

[https://youtu.be/dwIAOzfZ\\_3w](https://youtu.be/dwIAOzfZ_3w)

## CHAPTER 5 : WAVES

[https://www.youtube.com/playlist?list=PLJDqRy8i4YrQSt4OcLCv\\_T4Tievan0kEV](https://www.youtube.com/playlist?list=PLJDqRy8i4YrQSt4OcLCv_T4Tievan0kEV)

### □ CHAPTER 5.6 INTERFERENCE OF WAVES

[https://www.youtube.com/watch?v=vPMswowtoGM&list=PLJDqRy8i4YrQSt4OcLCv\\_T4Tievan0kEV](https://www.youtube.com/watch?v=vPMswowtoGM&list=PLJDqRy8i4YrQSt4OcLCv_T4Tievan0kEV)

### FORMULA KANTA NIPIS

<https://youtu.be/jUMVC7afrik>

### □ LESSON 5.2 : REFRACTION OF LIGHT (KSSM PART 2)

<https://www.youtube.com/watch?v=tDkBsos4b6U&list=PLYR7IAy0x9GZHDQo9BAG6wARh54BqxYQD&index=11&t=6s>

### □ 5.3 PANTULAN GELOMBANG & 5.4 PEMBIASAN GELOMBANG

<https://youtu.be/5v2ThQsIHhI>

## Fizik

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□ BAB 6.6 PEMBENTUKAN IMEJ OLEH CERMIN SFERA

□ LINK YOUTUBE

<https://youtu.be/wS3Mcgv8wpc>

□ BAB 6:PEMBENTUKAN IMEJ OLEH CERMIN SFERA

<https://youtu.be/wS3Mcgv8wpc>

□ INERSIA

<https://m.youtube.com/watch?v=ISzfnUcxmYc>

PHYSICS FORM 4 | PHYSICAL QUANTITIES | LESSON #1

[https://youtu.be/Q\\_ZsdXY65eI](https://youtu.be/Q_ZsdXY65eI)

## TINGKATAN 5

□ ISTILAH FIZIK :KAMUS FIZIK VERSI 1

□ LINK YOUTUBE

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<https://youtu.be/wjalapYPnf8>

□ ELECTROMAGNETISM: FORCE ACTING ON A CURRENT-CARRYING CONDUCTOR IN A MAGNETIC FIELD

[https://youtu.be/F\\_hKwRVHyf8](https://youtu.be/F_hKwRVHyf8)

FIZIK SPM/MATRIKULASI

<https://www.youtube.com/playlist?list=PLYR7IAy0x9GZHDQo9BAG6wARh54BqxYQD>

□ LERAIAN DAYA MENGGUNAKAN TEKNIK FBD

<https://youtu.be/ND1s-ynqWwA>

**TINGKATAN 6**

PHYSICS STPM FORM 6

□ ELECTROMAGNETIC INDUCTION

<https://www.youtube.com/playlist?list=PLTVeFda5fcwfxQGBGhBwVlyB-qCGYuzvb>

ALTERNATING CURRENT

[https://www.youtube.com/playlist?list=PLTVeFda5fcwdX8Y5RPs3vB\\_JqmfZCJDgf](https://www.youtube.com/playlist?list=PLTVeFda5fcwdX8Y5RPs3vB_JqmfZCJDgf)

□ PROJECTILE MOTION\_Archer stand on a cliff shoots an arrow

<https://www.youtube.com/watch?v=7N5vEX8jXfM&amp;t=2s>

□ PROJECTILE MOTION\_Object launched horizontally from a certain height

<https://www.youtube.com/watch?v=MRGxD6Gx7bc>

□ MOMENTUM\_1D & 2D collision

<https://www.youtube.com/watch?v=rP1p9rGeph4&amp;t=94s>

□ RESOLVING VECTORS\_Forces & acceleration

<https://youtu.be/UxnP5JbgKmU>

□ CIRCULAR MOTION

[https://www.youtube.com/playlist?list=PLTVeFda5fcwcrGNOal\\_CzyGva7nhcnZzV](https://www.youtube.com/playlist?list=PLTVeFda5fcwcrGNOal_CzyGva7nhcnZzV)

### ☐ SIMPLE HARMONIC MOTION

<https://www.youtube.com/playlist?list=PLTVeFda5fcwcoSITU9jgRjEqXSlwd-IO>

### ☐ FORCES : FREE BODY DIAGRAM (FBD)

<https://youtu.be/xRsPEPCE9ns>

### ☐ Dimensions Of Physical Quantities

<https://youtu.be/0QIbL8A9F8o>

### ☐ Kinematic of Linear Motion : Equation of Linear Motion

<https://youtu.be/UMNSpXpXXVI>

### ☐ Kinematic of Linear Motion : Graph of linear motion

<https://youtu.be/h60IEun3fNk>

### ☐ Kinematic of Linear Motion : Equation of Projectile Motion

<https://youtu.be/hXxMencp0k4>



☐ Kinematic of Linear Motion : Experiment - Free Fall Motion

<https://youtu.be/ynbCBMQyTpc>

☐ Kinematic of Linear motion : Experiment - Projectile Motion

<https://youtu.be/WC27eTynL04>

☐ MEASUREMENT & UNCERTAINTY

<https://youtu.be/KNng1AHvPjw>

☐ GRAVITATION

<https://www.youtube.com/playlist?list=PLTVeFda5fcwdWUKTgAdk5HzFGFBfaKu3x>

☐ PROJECTILE

<https://www.youtube.com/playlist?list=PLTVeFda5fcwfXnl2xbp4ammoggKOAwu4q>

☐ GRAVITATIONAL FIELD STRENGTH - Variation of  $g$  with  $r$

<https://youtu.be/5eF6XvV9NT8>

▣ FORCES... FREE BODY DIAGRAM\_PART I

<https://youtu.be/68IXMOiqk88>

▣ RESULTANT VECTOR

<https://youtu.be/tW7UtTclBgl>

▣ NEWTON'S LAW OF MOTION

<https://youtu.be/pWSILaDGjrl>

▣ NEWTON'S LAW OF MOTION

<https://youtu.be/UmXOODum310>

▣ NEWTON'S LAW OF MOTION

<https://youtu.be/N2IWZ0l65G4>

▣ NEWTON'S LAW OF MOTION

[https://youtu.be/m\\_reY50POuc](https://youtu.be/m_reY50POuc)

□ FORCES...FREE BODY DIAGRAM\_PART II

<https://youtu.be/9MkQtJb7cvw>

□ GRAVITATIONAL FIELD STRENGTH PART 2 - VARIATION OF  $g$  WITH LATITUDE

<https://youtu.be/591Fj0zBQmM>

□ LEWIS STRUCTURE - COVALENT BONDS

<https://youtu.be/INGww1cFI1E>

□ GRAVITATION : ENERGY OF A SATELLITE

<https://youtu.be/FrONTFO9W6w>

□ ESCAPE VELOCITY

<https://youtu.be/PNkikY5AKkM>

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### □ CIRCULAR MOTION

□ This video discuss past years STPM question

<https://youtu.be/a01srYBUDwU>

□ This video discuss on past years STPM esei questions

<https://youtu.be/2eQMGsLSzt8>

### □ GRAVITATION

□ This video discuss on Past years STPM objective questions

<https://youtu.be/L-VFp35Bnzs>

### □ WAVE OPTICS :- INTERFERENCE IN THIN FILM

<https://youtu.be/h3GBbUsPyrY>

### □ TOPIC : DIFFRACTION GRATING

<https://youtu.be/2XAVbAbUH3g>

☐ TOPIC : MALUS' LAW (POLARIZATION)

<https://youtu.be/cpwnJWMzgsg>

☐ TOPIC : QUANTUM PHYSICS - STOPPING POTENTIAL AND ENERGY OF A PHOTON

<https://youtu.be/MJTr6RBzCJ8>

☐ SIMPLE HARMONIC MOTION (SHM) PART 1

[https://youtu.be/x6Ej6FOBL\\_A](https://youtu.be/x6Ej6FOBL_A)

☐ TOPIC : WAVE OPTICS - OPTICAL PATH LENGTH

<https://youtu.be/QJivA-5iBE>

☐ TOPIC : QUANTUM PHYSICS - TRANSITIONS BETWEEN ENERGY LEVELS

<https://youtu.be/NuqSlrbdn3Q>

☐ TOPIC : NEWTON'S LAWS AND FRICTIONAL FORCE

<https://youtu.be/4sgayLzFY9I>

□ TOPIC : UNCERTAINTY IN MEASUREMENT

<https://youtu.be/0gB2kE-CPbA>