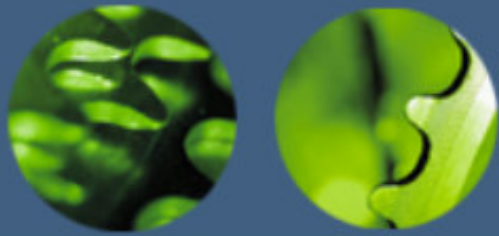




Form 4 - Mathematics

Course Content Schedule

**Please refer to “Study Weeks 2006”
for details of our academic calendar**



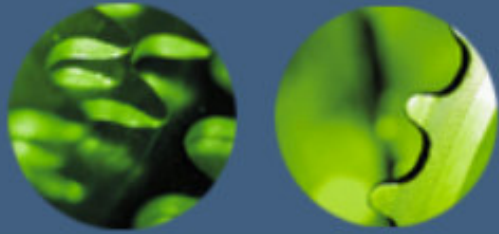
Week 1 – Week 2

1. Significant figures
2. Standard notation



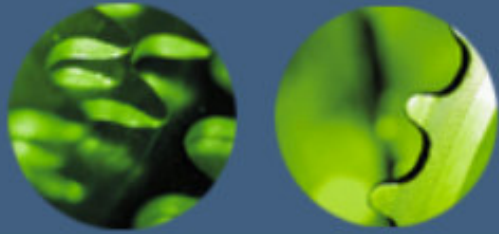
Week 3

- Assessment



Week 4 – Week 5

1. Set
2. Subset
3. Universal set
4. Complement of set



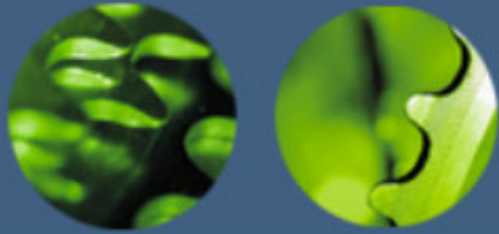
Week 6 – Week 7

1. Logical thinking
2. Statements & premises
3. Implication
4. Deduction & induction



Week 8

- Assessment



Week 9 – Week 14

1. Quadratic expressions
2. Factorisation of quadratic expressions
3. Quadratic equations
4. Roots of quadratic equations



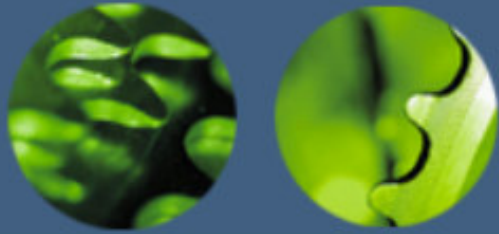
Week 15

1. Slope of a straight line
2. Slope of a straight line in the Cartesian coordinate system
3. Intersection of a straight line and the x-axis
4. Intersection of a straight line and the y-axis
5. Parallel lines



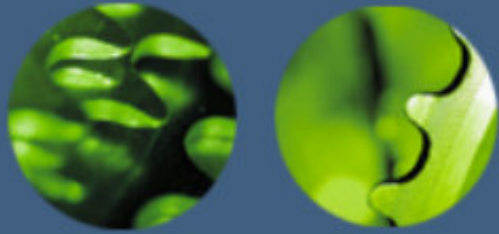
Week 16

- Assessment



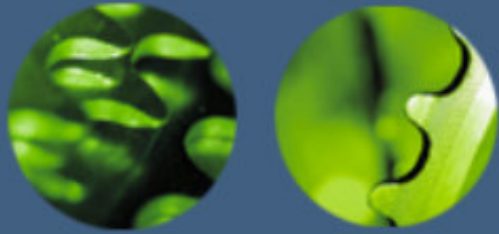
Week 17 – Week 18

- Revision



Week 19 – Week 21

1. Values of sine, cosine and tangent
2. Trigonometric graphs



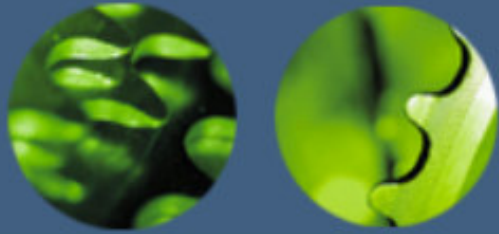
Week 22 – Week 23

1. Depression angle
2. Elevation angle



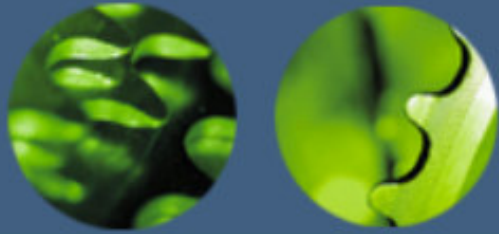
Week 24

- Assessment



Week 25 – Week 27

1. Tangent to a circle
2. Angle between a tangent and a chord
3. Common tangent



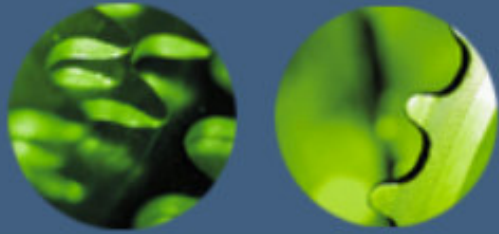
Week 28 – Week 30

1. Angle between a line and a plane
2. Angle between two planes



Week 31

- Assessment



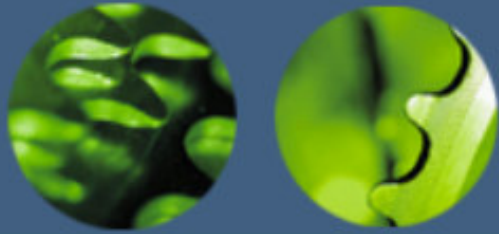
Week 32 – Week 34

1. Class interval
2. Mode & median of a collective data
3. Histogram
4. Frequency polygon
5. Cumulative frequency



Week 35

- Assessment



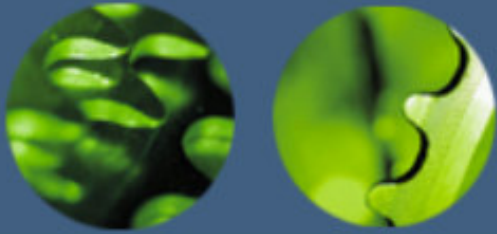
Week 36 – Week 38

1. Sample space
2. Events
3. Probability of an event



Week 39

- Assessment



Week 40 – Week 44

- Revision



Kindly Contact:

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