Mathematics Department



Stewards Academy **ASSESSMENT FEEDBACK** Year 11 Foundation– Spring Term 1

1Read and write decimal numbers2Solve 1-step equations3Line symmetry4Converting length5aFractions as pictures6Best buys7Expressions, equations, identities and formulae8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	Questions	Question Title
3Line symmetry4Converting length5aFractions as pictures5bPercentages as pictures6Best buys7Expressions, equations, identities and formulae8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	1	Read and write decimal numbers
4Converting length5aFractions as pictures5bPercentages as pictures6Best buys7Expressions, equations, identities and formulae8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	2	Solve 1-step equations
SaFractions as pictures5bPercentages as pictures6Best buys7Expressions, equations, identities and formulae8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	3	Line symmetry
5bPercentages as pictures6Best buys7Expressions, equations, identities and formulae8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	4	Converting length
6Best buys7Expressions, equations, identities and formulae8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	5a	Fractions as pictures
7Expressions, equations, identities and formulae8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	5b	Percentages as pictures
8Money logic problem9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	6	Best buys
9aProbability of single events9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	7	Expressions, equations, identities and formulae
9bSystematic listing10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	8	Money logic problem
10Scale diagrams11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	9a	Probability of single events
11Volume of a frustum12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	9b	Systematic listing
12aFrequency trees, convert fractions to decimals12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	10	Scale diagrams
12bProfit and loss13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	11	Volume of a frustum
13Speed14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	12a	Frequency trees, convert fractions to decimals
14Area of a triangle15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	12b	Profit and loss
15Multiples, form and solve an equation16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	13	Speed
16Constructing triangles17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	14	Area of a triangle
17Expand a single bracket, collecting like terms18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	15	Multiples, form and solve an equation
18Linear sequences19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	16	Constructing triangles
19a/bPie charts20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	17	Expand a single bracket, collecting like terms
20Probability of an event not happening21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	18	Linear sequences
21Change the subject of the formula22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	19a/b	Pie charts
22a/bSequences from recurrence relations23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	20	Probability of an event not happening
23Venn diagrams24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	21	Change the subject of the formula
24HCF, LCM25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	22a/b	Sequences from recurrence relations
25Similar polygons26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	23	Venn diagrams
26Compound interest, best buys27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	24	HCF, LCM
27aStraight line graphs (parallel lines)27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	25	Similar polygons
27bStraight line graphs (check if a point is on a line)28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	26	Compound interest, best buys
28Reverse percentages29Prime numbers, linear sequences (nth term)30aCombining vectors	27a	Straight line graphs (parallel lines)
29Prime numbers, linear sequences (nth term)30aCombining vectors	27b	Straight line graphs (check if a point is on a line)
30a Combining vectors	28	Reverse percentages
	29	Prime numbers, linear sequences (nth term)
30b Vectors (multiplying by scalars)	30a	Combining vectors
	30b	Vectors (multiplying by scalars)