

RPH Guidelines						
BAB 9 Garis Lu Straight	rus Lines					
Content Standards (CS)		Learning Standards (LS)		Questions & Performance Levels (PL)		Pages
9.1 Straight Lines	9.1.1 Mak and	e connection between the equation, <i>y</i> = the gradient and <i>y</i> -intercept, and hence	nnection between the equation, $y = mx + c$ , gradient and y-intercept, and hence make		PL1	450
pages 226 - 246	generalisation about the equation of a straight line.			Q2	PL2	152
	9.1.2 Investigate and interpret the equations of straight lines in other forms such as $ax + by = c$ and x + y = 1, and shangs to the form of $y = mx + c$				PL1	_
					PL1	
	$\frac{a}{a} + \frac{b}{b} = 1$ , and change to the form of $y = mx + c$ , and vice versa			Q5	PL2	153-154
				Q6	PL2	
				Q7	PL3	
				Q8	PL3	
Teaching Aid		PAK-21	HOTS			
Card written with four linear functions		Think-Pair-Share	Evaluating			
ЕМК		i-THINK	Noble Values			
Language			Diligence			

## PdPc Ideas

1. Each student is given a written card with four linear functions: y = 3x - 2, y = -4x + 5, y = 2x + 4, y = -5x - 3

2. Students draw graph for each of the linear functions individually.

3. Students are required to identify the values of the gradient and the y-intercept for each of the linear functions individually.

4. Then, students discuss with their partner and present their works.

Content Standards (CS)		Learning Standards (LS)		Questions & Performance Levels (PL)		Pages
9.1 Straight Lines	9.1.3	Investigate and make inference about the relationship between the points on a straight line and the equation of the line.	Q9	PL2	155-156	
			Q10	PL3		
			Q11	PL4		
	9.1.4	Investigate and make inference about the gradients of parallel lines.	Q12	PL2	156-158	
			Q13	PL3		
			Q14	PL3		
			Q15	PL3		
				Q16	PL4	
		9.1.5 Determine the equation of a straight line.	S17	PL3		
				Q18	PL3	
			Q19	PL3	159-162	
			Q20	PL3		
			Q21	PL3		
				Q22	PL4	-
				Q23	PL4	

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	9.1.6 D	termine the point of intersection of two straight		Q24	PL4	
line				Q25	PL4	164-166
				Q26	PL4	
9.1.7 Solve problems involving straight lines.				Q27	PL5	167 160
				Q28	PL6	107-109
Teaching Aid		PAK-21	нотѕ			
Textbook (pages 233 - 234, 236 - 237)		Hot chair	Applying			
ЕМК		i-THINK	Noble Values			
Language		-	Confidence			

## PdPc Ideas

- 1. Referring to the textbook, each student studies the research and reading about the relationship between the points on a straight line with the equation of the straight line, as well as the gradient of the parallel line.
- 2. Teacher chooses a student to sit on the chair provided. The student will become an "expert".
- 3. The "expert" will answer all the questions posed by other students.

