

Lesson Plan	
Topic: Year 9 Mathematics Class: 9MAT2 (21 students)	Date: 29/05/18 (Tues W5, Term 2) Venue/Time: Room 9 (8:15-9:20)
Lesson overview	
Lesson Topic: expanding binomials with FOIL method	
Relevant AC content: <ul style="list-style-type: none"> Apply the distributive law to the expansion of algebraic expressions, including binomials, and collect like terms where appropriate (ACMNA213) 	
Students' prior knowledge: Students are assumed to be able to: <ul style="list-style-type: none"> Expand brackets with distributive law Multiply two simple terms 	
Lesson Outcomes: All students will be able to: <ul style="list-style-type: none"> Use the FOIL method to expand a binomial Most students will be able to: <ul style="list-style-type: none"> Use the FOIL method with other techniques to expand and simplify a complex expression 	
Resources and Materials: 21x worksheet PPT	
Lesson Details	
Time	Procedures
8:15(5)	Preparation
	Wait for students to arrive Set up the laptop and play the video
8:20(50)	Main activity
8:20(10)	Introduction and revision Review questions on basic expanding
8:30(15)	FOIL method – “I do” Solve two questions using the FOIL method in front of class <ul style="list-style-type: none"> Explain what they stand for (first-out-in-last) Students to copy the examples
8:45(10)	Practicing – “we do” Three examples for students to try, and then check answers together
8:55(20)	Individual work – “you do” Hand out the worksheets to the student Students to work on the worksheets (two sides for them to choose from)
9:15(5)	Conclusion
	Review the lesson <ul style="list-style-type: none"> What does FOIL stand for? Solve one problem together (if time allows)
Evaluation	
<ul style="list-style-type: none"> Were students engaged during the class? Were my explanations clear? <ul style="list-style-type: none"> Any common mistakes students made? How did the differentiated worksheet go? 	

Commented [DN1]: Here I present how I plan a more “traditional” lesson. Since I use PowerPoint to deliver the information, practice questions and answers, I use the plan more as a time guide (**Descriptors 3.2 and 4.2**).

Commented [DN2]: I play a short (<5 minute) video in the beginning of every lesson, as a daily routine, to help students settle down.

Commented [DN3]: The students seemed to respond better with the interactive PPT but certainly not to overuse.

Commented [DN4]: Students did not have a lot of problem using the FOIL method, but had some misconceptions carried over from the previous lessons. I needed to organise a “correct your mistakes” type of a lesson.

Commented [DN5]: The students seemed to find it okay but not so many chose to go for the challenging part. I need more benefits for the students to try the harder questions.