

# Summer Math Enrichment

All students are encouraged to spend 1 hour each week for a total of 10 hours over summer break doing math practice and review. Sacred Heart has subscribed to an online service, IXL, to give each student strong practice problems with immediate feedback. Please complete as many skills as possible to at least 80% proficiency.

Students who are entering **Algebra 1** should practice the following sections from the 8th grade section of IXL. If you reach mastery level in all skills listed below, work on other 8<sup>th</sup> grade skills of your choosing.

C.8	F.3	P.2	X.9	AA.9
D.2-D.8	I.2	Q.7	X.16	AA.12
E.1-E.3	J.1- J.2	T.3	Y.17	BB.11
E.5-E.6	L.11	W.6	Z.7	

Students who are entering **Course 3** should practice the following sections from the 7th grade section of IXL. If you reach mastery level in all skills listed below, work on other 7<sup>th</sup> grade skills of your choosing.

C. 12-C.13	J.5	R.5	Y.19
C.22-C.25	L.11	S.7	EE.1
F.8	M.6	Y.2	
G.18	P.1	Y.5-Y.6	

Students who are entering **Course 2** should practice the following sections from the 6th grade section of IXL. If you reach mastery level in all skills listed below, work on other 6<sup>th</sup> grade skills of your choosing.

D.2	H.10	L.7	S.4	CC.1, CC.2
E.3, E.7	I.11	M.7	X.2, X.8	FF.1, FF.6, FF.10
F.4	J.6	O.4, O.9, O.12	Y.5	
G.1	K.15	R.9	AA.4	

All incoming 6<sup>th</sup> graders should practice the following sections from the 5th grade section of IXL. If you reach mastery level in all skills listed below, work on other 5<sup>th</sup> grade skills of your choosing. Do not use a calculator. Those students taking Course 2 may want to spend extra time working with Course 2 recommendations after completing Course 1 recommendations.

C.16	H.4	P.3	AA.1, AA.9
D.16	I.1	S.1	DD.1, DD.5, DD.9
E.8	K.5, K.11, K.16	T.3, T.5	
G.5	O.1, O.11, O.14	Z.2, Z.5, Z.6, Z.10	