PRECALCULUS

Thursday, Aug. 31

Graph Transformations Handout
15-26, 49, 50

Families of Graphs Handout

Tuesday, Sept. 5

Symmetry & Even/Odd Functions Handout

Piecewise Functions Handout

Thursday, Sept. 7

Sec. 1.4 pp. 40-42
Identify increasing & decreasing intervals
and relative & absolute extrema
5, 6, 17, and a) $f(x)=\frac{5x^2+8x-3}{3x^2+2}$ (calculator)

Quadratics & Inverses: See additional problems on back

Monday, Sept. 11

Graph the following inequalities:

By hand: (a) $y > x+2$ (b) $|x+2| \geq 5+y$ (c) $y < \sqrt[3]{x+2}+3$

By calculator: (d) $y < x^3+5x^2-18x-72$ (e) $y > |x|+2$

Identify the (a) vertical asymptotes, (b) horizontal asymptotes (c) slant (oblique) asymptotes and (d) holes.
Sec. 2.5 p. 138 20, 22, 25, 27, a-d at right

(a) $f(x)=\frac{x^2+x-6}{x-4}$ (b) $f(x)=\frac{x+3}{x^2+9}$ (c) $f(x)=\frac{x^2-x-2}{x-2}$ (d) $f(x)=\frac{2x^3+4x^2-9}{3-x^2}$

Wednesday, Sept. 13

Review Graphing

Journal Due

Friday, Sept. 15

GRAPHING TEST

Math Matters Due Next Class!