

Stretching and Shrinking -- Unit Planning Overview 7th Grade

Investigations & Assessments	Days	Materials for Students	Materials for Teachers	Transparencies	ACE Questions	Copies for Students	Miscellaneous
1. Enlarging Figures <i>Read TE p. 13 a-e</i>	1	#16 rubber bands (2/student) Masking Tape Blank sheets of paper (1/student) Crayons (optional)	2 Rubber Bands	1.1A, 1.1B cm and half cm grids for students to use (optional)	1.1: #1-3	Labsheet 1.1A or 1.1B Notebook checklist p.109	
2. Similar Figures <i>Read TE p. 27 a-l</i>	4	Angle rulers	OH answers to 2.2, 2.3 char, ACE #6, 7, 9, 10	2.1A to 2.3B Transparent cm and half cm grids	2.1: (finish Wumps) 2.2: #1-4, 11-12 2.3: #5-10, 14	Labsheet 2.1A Labsheet 2.1B (3/student) grid paper Labsheet 2.3A, 2.3B	
Check -Up 1	1					p. 90-92	Answers, p.111
3. Patterns of Similar Figures <i>Read TE p. 40 a-g</i>	4	Rulers Angle rulers Shape sets (see p.27n) Scissors (optional)	Shape set 8 ½ x11, 11x14, 11x17 sheets of paper (optional, 1 of ea)	3.1A to 3.ACE cm and half cm grids transparencies of Labsheet 3.3	3.1: #1-7 3.2: #11-14, 18-16 3.3: #8-10, 20	Labsheet 3.1, 3.3	
Quiz A	1					p. 93-95	Answers on p.111-112
4. Using Similarity <i>Read TE p. 58 a-f</i>	4	Rulers State and local maps (optional)		4.1-4.4	4.1: #1-7, 16-20 4.2: #8, 15 4.3: #10-14 4.4: #23-28, 30-31	Cm grid paper half cm grid paper	
5. Similar Triangles <i>Read TE 74 a-k</i>	3	Meter sticks (1/group) Mirrors (1/group) Tape measures or string		5.1-5.3	5.1: #1-4, 7, 13 5.2: #5-6, 8, 10-12, 14 5.3: #9, 15-16		
6. Stretching & Shrinking with a Computer	2	Turtle math software & computer Angle rulers		6.1A-6.2	6.1: #1 6.2: #2-3	Grid paper	
Self Assessment	Take Home						
Unit Test	1					p. 103-106	