

Notes for year

- Keep classroom sets of books, too fragile to hand out
- Do bookwork in class, worksheets for HW
- Consider giving Guided Practice problems to AC, Practice problems to ACP and Honors
- Quiz every couple of sections

Chapter 1

1.2 – Points, Lines, Planes

- Use worksheets, not the book
- Include definitions and naming symbols, notations
 - Stress difference between AB and segment AB
 - Point, line, line segments, rays, plane, linear, coplanar

1.4 – Finding the measures of segments

- Simplified radical form for Honors, decimal for ACP, AC
 - Require conclusions when doing constructions
- #19-48, (Honors to #50), (AC to #45)
Mixed review (to the extent possible)

1.5 – Segment Relationships (Midpoints)

- Emphasize language – congruent
- #19-42 (Honors to #44), (AC #5-18)
Mixed review (to the extent possible)

Test (AC)

1.6 – Rays and Angles

- Teach angle vocabulary, naming angles with numbers, protractor use
- #21-38, except 31-33 (AC, #5-20 and more practice measuring)
(Honors #21-44)
Mixed review (to the extent possible)

1.7 – Classifying Angles

- Draw congruent angle construction with non-congruent rays to emphasize angle congruency
- #19-36, 40 not doing all of 29-31 and 32-36, (AC, #5-16) (Honors, #19-41)
Mixed review (to the extent possible)

1.8 – Pairs of Angles

- Emphasize this section with AC
- #17-30 (AC, #5-18, 26, 28) (Honors, #17-36)
Mixed review (to the extent possible)

1.9 – Right Angles and Perpendicular Lines

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- Have a discussion on assumptions – what can you assume, what can't you
- #17-23 together, 24-34 (AC, #5-15, 24-25) (Honors, #17-34)
Mixed review (to the extent possible)

Test (All)

Chapter 2 – Reasoning and Introduction to Proof

- Honors get the full treatment
- Fill-in-the-blank proofs for ACP
- Skip with AC

2.1 – Inductive Reasoning and Conjecturing

#11-16, 21, 23

Mixed review (to the extent possible)

2.2 – If-Then Statements, Converses, and Postulates

- Stress if-then with ACP so they can complete proofs

#22-38, 44-46

Mixed review (to the extent possible)

2.3 – Deductive Reasoning

- Talk about “is this a logical conclusion?”, dump the law language

Honors #16-37, ACP #16-33

Mixed review (to the extent possible)

2.4 – Properties from Algebra and Proof

Honors #12-27, ACP #22-25 fitb proofs

Mixed review (to the extent possible)

2.6 – Two-Column Proofs with Segments

Honors #5-27, ACP #5-21 fitb proofs and group work

Mixed review (to the extent possible)

2.7 – Two-Column Proofs with Angles

Honors #16-24, ACP #11-22

Mixed review (to the extent possible)

Test

Chapter 3 – Parallels

3.2 – Parallels and Transversals

- AC – need parallel lines with one transversal, find worksheets
- Extra emphasis on interior/exterior angles for all, supplement here

#4-43 (AC, #4-13) (Honors, #4-47)

Mixed review (to the extent possible)

3.3 – Using Parallel Lines

- Supplement outside book with AC, in book #6-18
 - Look for problems
- #6-18, 25-26, 34, 37, 45 (Honors, #6-45, 49 optional)
Mixed review (to the extent possible)

3.4 – Proving Lines Parallel

#19-31, 34, 37 (AC, #6-11) (Honors, #19-34, 37, 42 except 32)
Mixed review (to the extent possible)

3.5 – Slopes of Lines

- AC, ACP - use negative reciprocal language
- #6-35 (AC, #6-28) (Honors, #6-42)
Mixed review (to the extent possible)

Test

Chapter 4 – Congruent Triangles

4.1 – Classifying Triangles

#12-32, 38-40, 44 (AC, #12-17, 20-32 together) (Honors, #12-40, 44, 45, 48)
Mixed review (to the extent possible)

4.2 – Angle Measures in Triangles

- AC, hammer them on 180 degrees in a triangle
 - Need more numeric examples
 - Need more algebraic examples
- #10-12, 18-26, 29-32 (AC, #10-11, 18-23 and supplement) (Honors, #18-38, 45, 52)
Mixed review (to the extent possible)

4.3 – Congruent Triangles

#4-5, 9-20, 22-24 (AC, #4-5, 9-20) (Honors, #4-24, 34)
Mixed review (to the extent possible)

4.4, 4.5 – Congruent Triangle Tests

- AC, ACP – Do congruent triangles with a worksheet (SSS, SAS, AAS, ASA)
ACP in addition to worksheets p.188 #4-7, p.196 #23
Honors, pick and choose throughout the two sections
- Mixed review (to the extent possible)

4.7 – Isosceles Triangles

- Supplement with more problems for AC and ACP
- #15-17, 20-25 (AC, #15-17, 20-22) (Honors, #15-28)
Mixed review (to the extent possible)

Test

Chapter 5 – Applying Congruent Triangles

5.1 – Special Segments in Triangles

- Focus on drawing and labeling

#4-11, 14-16

5.2 – Right Triangles

#14-22 (AC, #4-12, 19-22 together) (Honors, #14-24)

5.5 – Inequalities for Sides and Angles of a Triangle

#4-13, 15-16, 23-24 (AC, #4-9) (Honors, #4-18, 23-24)

5.6 – The Triangle Inequality

- Range of third side, taught as subtract and then add the two sides

#5-10, 13-28 (AC, #5-10, 13-27) (Honors, #13-31)

Test

Chapter 6 – Quadrilaterals

(to be finished at a later date)