DYNAMICS

ACTIVITY

TYPES OF FORCES

1

1. Notes
2. Inqury activity to interact with each type of force. → identification of forces

FREE BODY DIAGRAMS

2

1. Notes (include reference frames)
2. Return to inquiry activity to draw FBD's
3. Practice Qs

ACTIVITY

NET FORCE

3

1. Notes
2. Practice Questions
3. **Helicopter Rescue Hoist Group Activity (Hand in)**

QUIZ

NEWTON'S LAWS

4

1. Notes
2. Practice Qs
3. Review Q's for Quiz

LAB

FRICTION

5

1. Notes
2. Practice Qs,
3. Pre-lab
4. **Lab Report**

QUIZ

MULT-BODY SYSTEMS

6

1. Notes
2. Practice Qs
3. Atwood's machine inquiry
4. Review Q's for Quiz

LAB

SPRINGS AND HOOKE'S LAW

7

1. Notes
2. Practice Qs
3. Pre-lab
4. **Lab Report**

ACTIVITY

UNIVERSAL GRAVITATION

8

1. Notes
2. Practice Qs
3. **Designing a Planet Activity (Hand-in)**

UNIT TEST