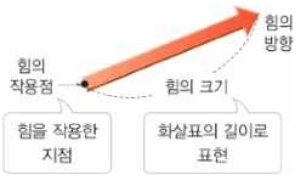
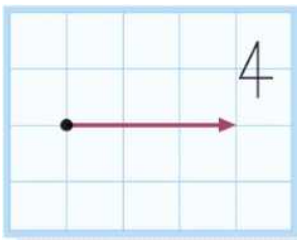
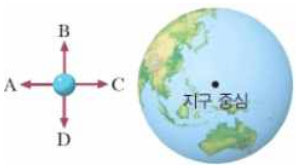
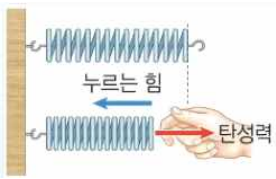
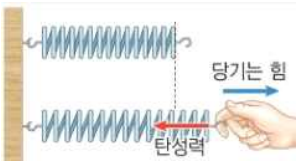
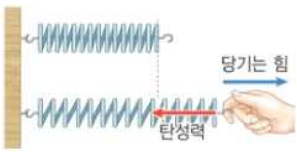
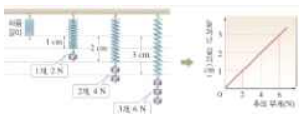
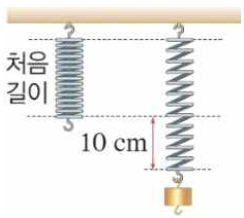
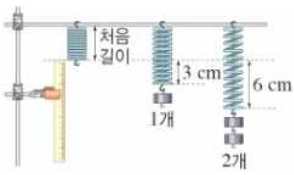
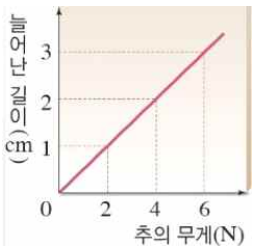
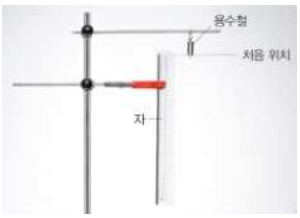
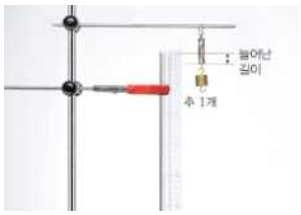
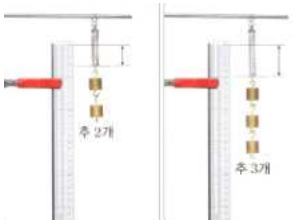
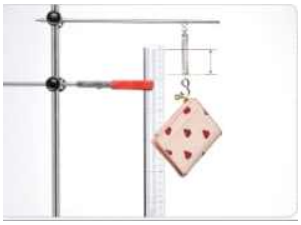
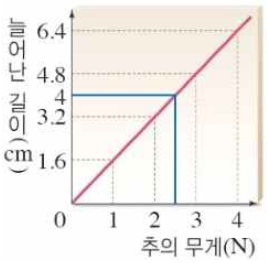
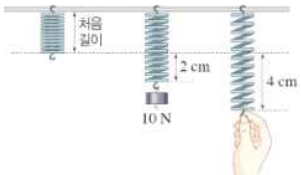
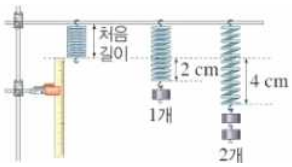
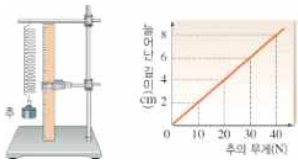
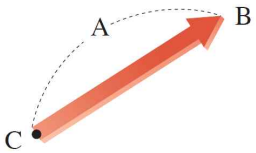
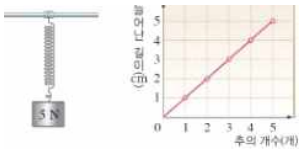
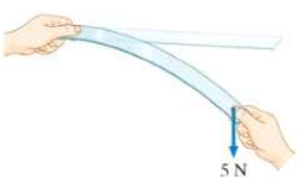
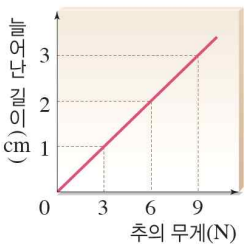
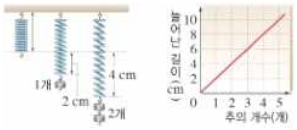
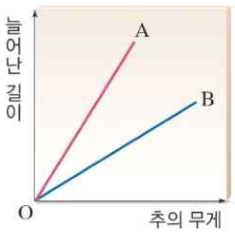
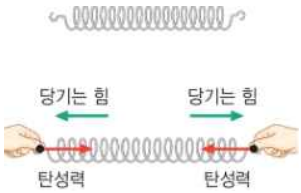
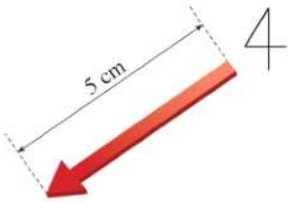
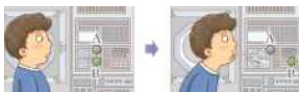
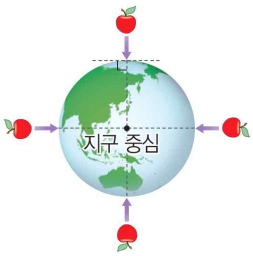
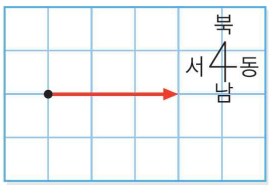
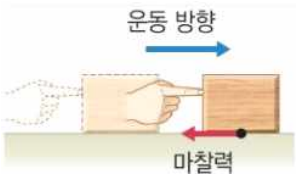
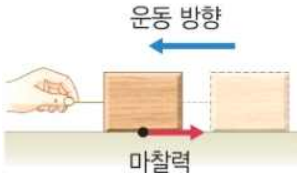
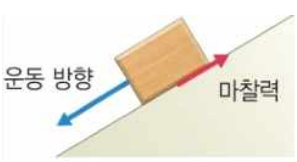
오투 중등과학 1-1 교사용 CD 그림 자료 목록

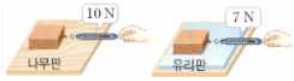
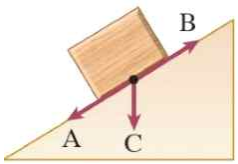
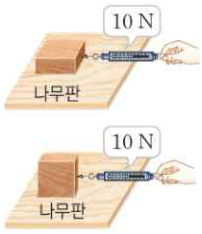
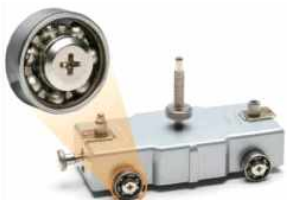
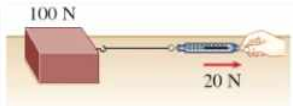
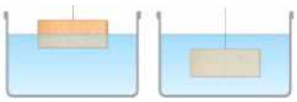
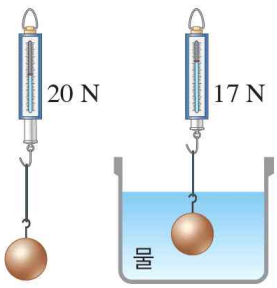
Ⅱ. 여러 가지 힘

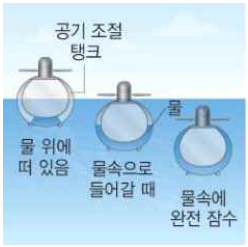
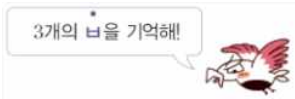
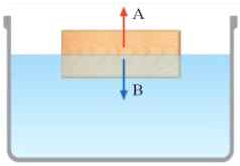
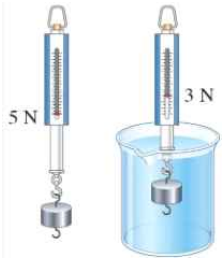
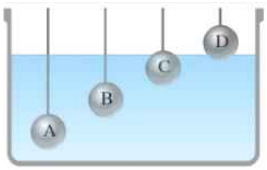
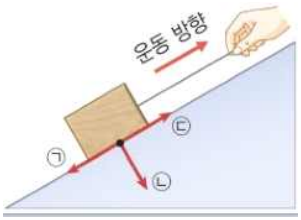
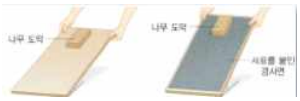
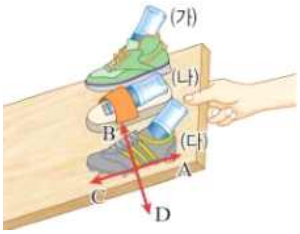
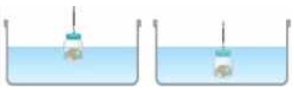
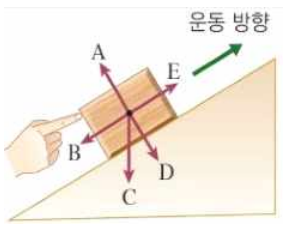
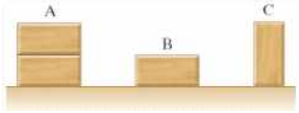
01. 중력과 탄성력

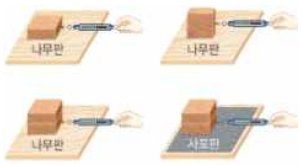
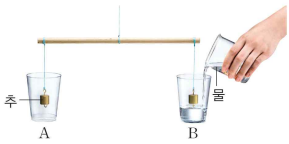
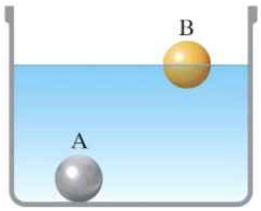
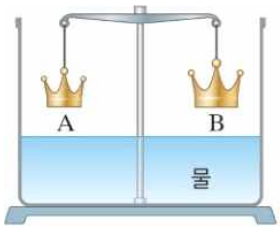
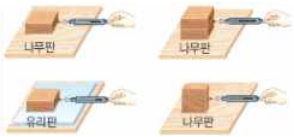
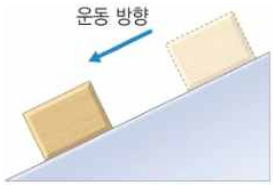
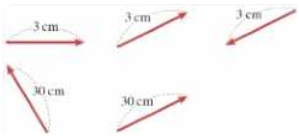
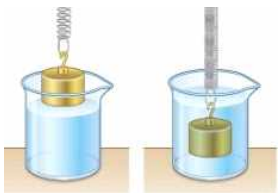
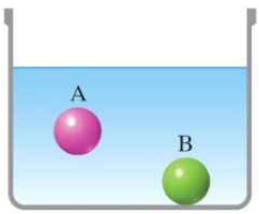
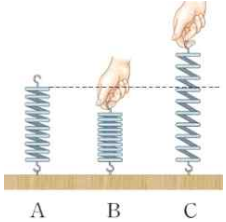
2-01-01(힘의 표시)	2-01-02(중력)	2-01-03(지구와 달에서의 중력)	2-01-04(질량을 측정하는 기구)
			
2-01-05(무게를 측정하는 기구)	2-01-06(힘의 표시)	2-01-07(중력 방향)	2-01-08(용수철을 누른 경우)
			
2-01-09(용수철을 당긴 경우)	2-01-10(용수철을 당긴 경우)	2-01-11(용수철 늘어난 길이와 그래프)	2-01-12(탄성의 한계)
			
2-01-13(탄성력 크기)	2-01-14(탄성력이 작용하는 방향)	2-01-15(나무 도막에 작용하는 탄성력)	2-01-16(탄성력 크기)
			

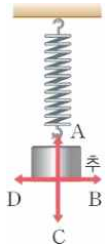
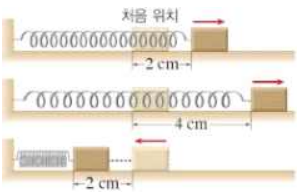
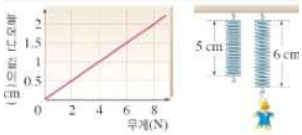
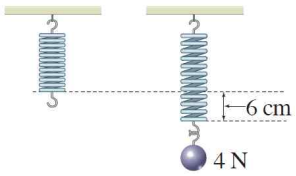
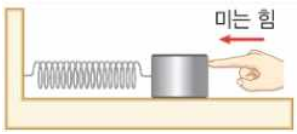
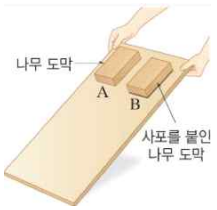
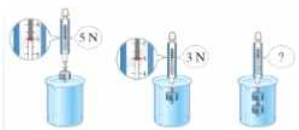
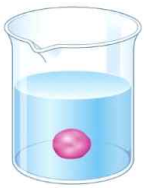
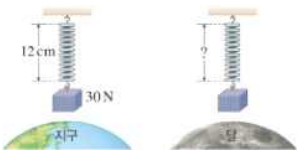
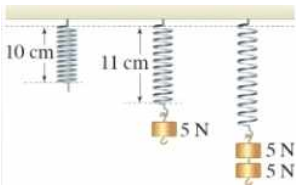
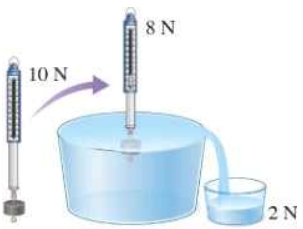
2-01-17(용수철 늘어난 그래프)	2-01-18(용수철을 이용한 무게 측정1)	2-01-19(용수철을 이용한 무게 측정2)	2-01-20(용수철을 이용한 무게 측정3)
			
2-01-21(용수철을 이용한 무게 측정4)	2-01-22(용수철 늘어난 그래프)	2-01-23(탄성력 크기)	2-01-24(탄성력 크기)
			
2-01-25(용수철에 매달린 추)	2-01-26(모눈종이)	2-01-27(중력 방향)	2-01-28(용수철 늘어난 길이와 그래프)
			
2-01-29(힘의 표시를 나타내는 화살표)	2-01-30(달에서 무게 측정)	2-01-31(탄성력 방향)	2-01-32(용수철 늘어난 길이와 그래프)
			
2-01-33(번지점프)	2-01-34(탄성력의 크기와 방향)	2-01-35(용수철 늘어난 그래프)	2-01-36(달의 중력)
			

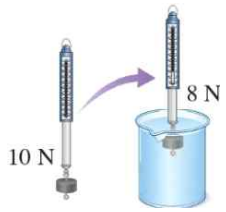
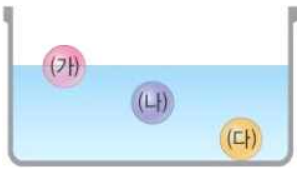
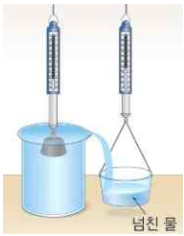
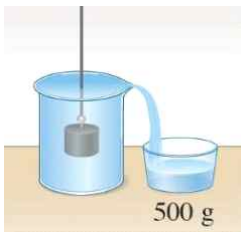
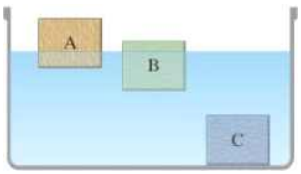
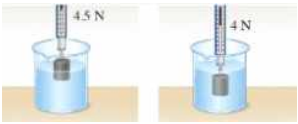
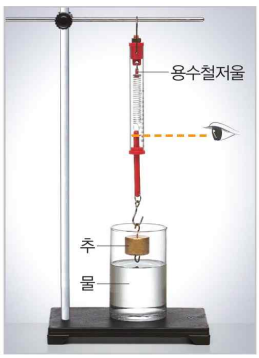
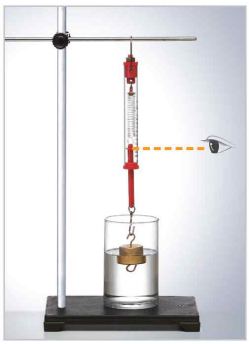
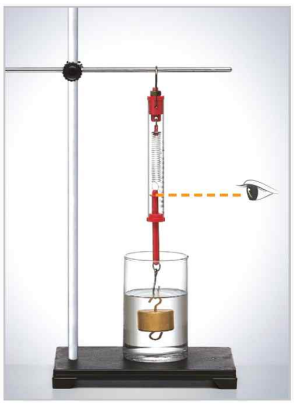
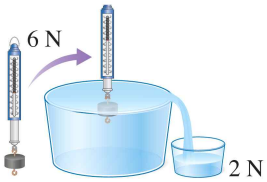
2-01-37(양팔저울과 앉은뱅이저울)	2-01-38(용수철 늘어난 길이와 그래프)	2-01-39(용수철 늘어난 그래프)	2-01-40(용수철을 양쪽으로 당겼을 때 탄성력의 방향)
			
2-01-41(우주 정거장에서 물체의 질량 비교)	2-01-42(지구와 달에서의 중력)	2-01-43(힘의 화살표)	2-01-44(우주 정거장에서 물체의 질량 비교)
			
2-01-45(지구와 달에서 질량 측정)	2-01-46(중력의 방향)	2-01-47(힘의 표시)	
			
02. 마찰력과 부력			
2-02-01(마찰력 방향)	2-02-02(마찰력 방향)	2-02-03(마찰력 방향)	2-02-04(마찰력 크기)
			

2-02-05(마찰력 크기에 영향을 주는 요인)	2-02-06(마찰력 크기에 영향을 주는 요인)	2-02-07(마찰력 방향)	2-02-08(마찰력 크기에 영향을 주는 요인)
			
2-02-09(베어링)	2-02-10(마찰력 방향)	2-02-11(마찰력 크기)	2-02-12(마찰력 크기에 영향을 주는 요인)
			
2-02-13(부력의 방향)	2-02-14(부력과 중력의 크기)	2-02-15(부력의 크기 비교)	2-02-16(부력의 크기 비교)
			
2-02-17(부력의 크기 측정)	2-02-18(부력의 방향)	2-02-19(화물선에 작용하는 부력)	2-02-20(화물선에 작용하는 부력)
			

2-02-21(잠수함의 원리)	2-02-22(부력의 크기)	2-02-23(부력과 중력의 크기와 방향)	2-02-24(부력의 크기)
			
2-02-25(부력의 크기)	2-02-26(마찰력 크기 비교1)	2-02-27(마찰력 크기 비교2)	2-02-28(마찰력 크기 비교3)
			
2-02-29(마찰력 크기 비교4)	2-02-30(마찰력 크기 비교1)	2-02-31(마찰력 크기 비교2)	2-02-32(마찰력 크기 비교3)
			
2-02-33(마찰력 크기와 방향)	2-02-34(마찰력 크기)	2-02-35(마찰력 크기)	2-02-36(부력의 크기)
			
2-02-37(부력의 크기)	2-02-38(마찰력과 중력의 방향)	2-02-39(마찰력 크기)	2-02-40(마찰력과 탄성력)
			

2-02-41(마찰력 크기에 영향을 주는 요인)	2-02-42(부력의 방향)	2-02-43(부력)	2-02-44(부력의 방향)
			
2-02-45(부력과 중력)	2-02-46(부력의 크기)	2-02-47(마찰력 크기에 영향을 주는 요인)	2-02-48(잠수함)
			
2-02-49(페트병 누르기)	2-02-50(마찰력 크기)	2-02-51(마찰력 크기)	2-02-52(마찰력 크기에 영향을 주는 요인)
			
2-02-53(부력의 크기)	2-02-54(부력의 크기 비교)	2-02-55(부력의 크기)	2-02-56(축구공에 작용하는 힘)
			
2-02-57(중력의 방향)	2-02-58(양팔저울과 용수철저울)	2-02-59(지구와 달에서의 중력)	2-02-60(탄성력 방향)
			

2-02-61(탄성력 방향과 크기)	2-02-62(탄성력 방향과 크기)	2-02-63(탄성력 방향과 크기)	2-02-64(용수철 늘어난 길이와 그래프)
			
2-02-65(탄성력 크기)	2-02-66(탄성력과 마찰력 방향)	2-02-67(마찰력 방향)	2-02-68(마찰력 크기에 영향을 주는 요인)
			
2-02-69(마찰력 크기에 영향을 주는 요인)	2-02-70(마찰력 크기 비교)	2-02-71(부력의 방향)	2-02-72(부력의 크기)
			
2-02-73(물속에 넣은 고무찰흙)	2-02-74(지구와 달에서의 중력)	2-02-75(마찰력 크기와 방향)	2-02-76(탄성력 크기)
			
2-02-77(부력의 크기)	2-02-78(넘친 물의 무게와 부력의 크기)	2-02-79(부력의 방향)	2-02-80(부력과 중력의 크기 비교)
			

2-02-81(부력의 크기 측정)	2-02-82(물체가 물에 잠긴 부피와 부력의 크기)	2-02-83(잠수함과 부력)	2-02-84(접촉면의 거칠기와 마찰력의 크기)
			
2-02-85(접촉면의 거칠기와 마찰력의 크기)	**2-02-86(빗면 위의 마찰력의 방향)**	**2-02-87(부력의 크기 측정)**	**2-02-88(넘친 물의 질량)**
			
2-02-89(부력의 크기 비교)	**2-02-90(추에 작용하는 부력의 크기 측정)**	**2-02-91(부력의 크기 측정 실험1)**	**2-02-92(부력의 크기 측정 실험2)**
			
2-02-93(부력의 크기 측정 실험3)	**2-02-94(넘친 물의 무게와 부력의 크기)**	**2-02-95(2.1 N)**	**2-02-96(2.0 N)**
			

2-02-97(1.9 N)