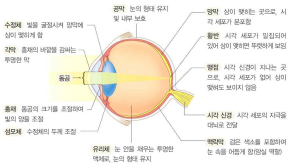
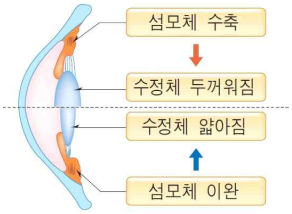
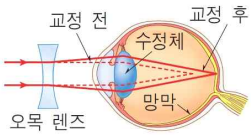
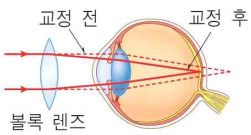
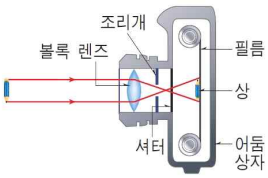
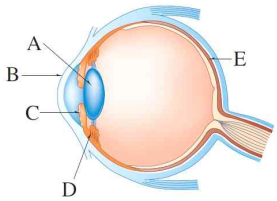
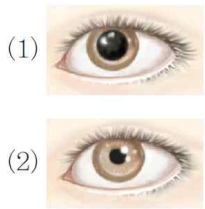
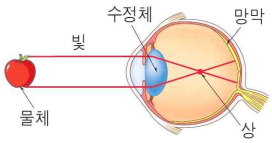
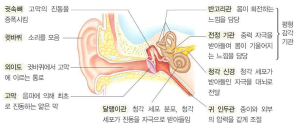
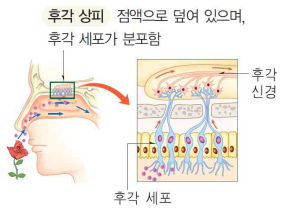
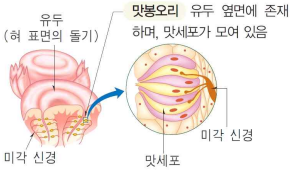
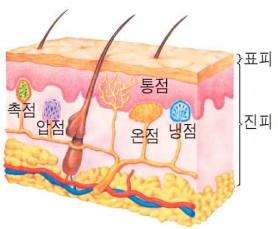
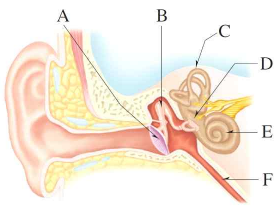
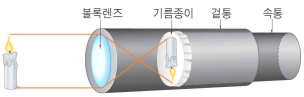
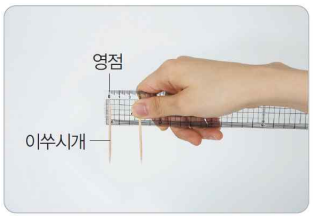
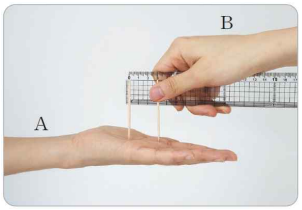
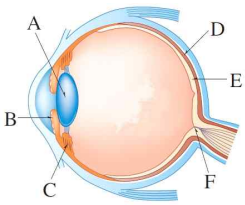
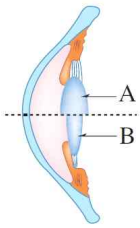
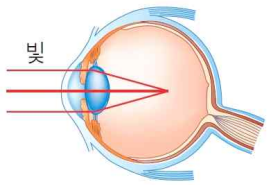
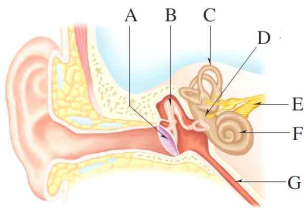
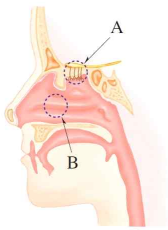
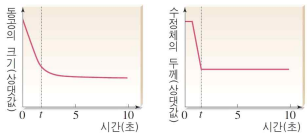
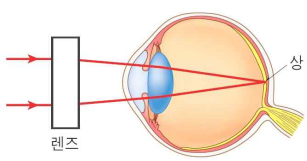
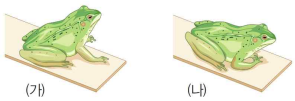
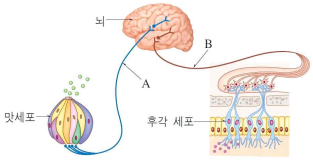
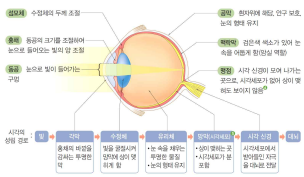
비상 VISANG

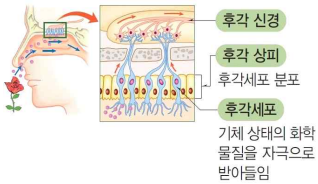
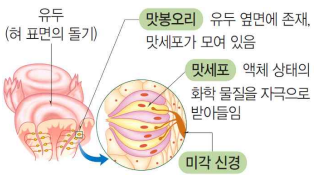
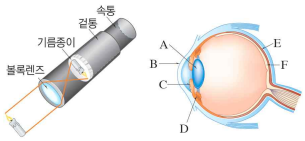
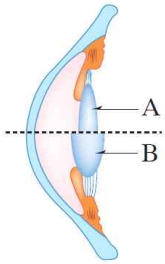
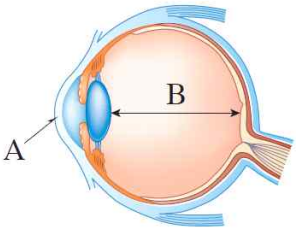
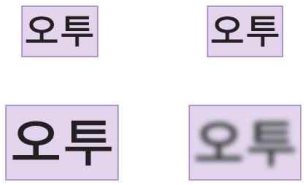
오투 중등과학 2-2 교사용 CD 그림 자료 목록

Ⅶ. 자극과 반응

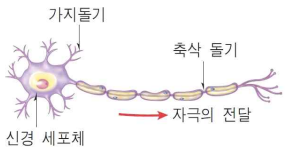
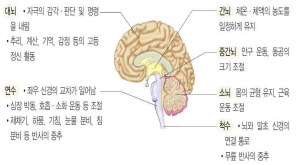
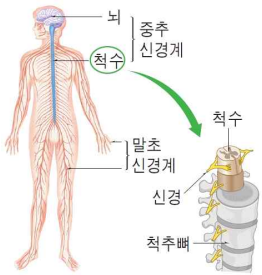
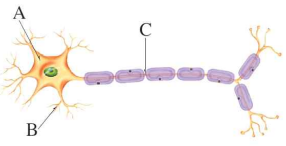
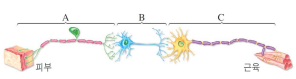
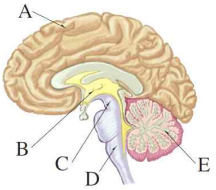
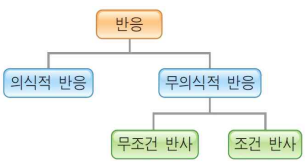
01. 감각 기관

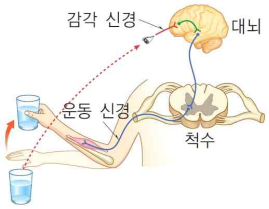
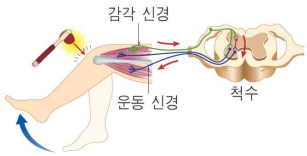
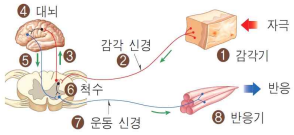
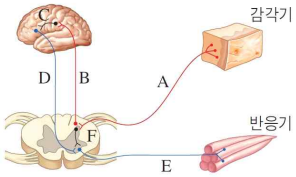
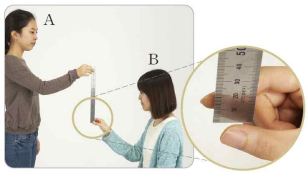
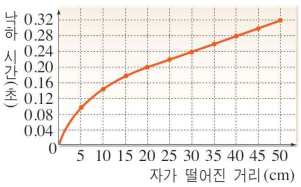
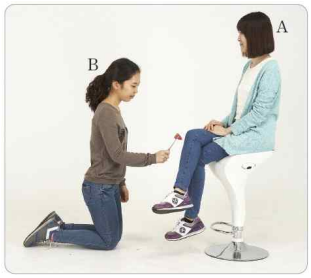
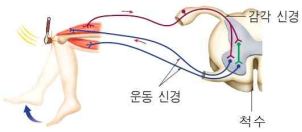
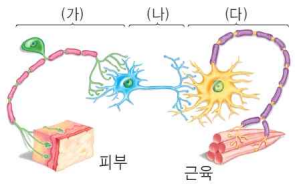
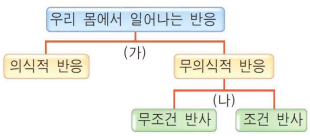
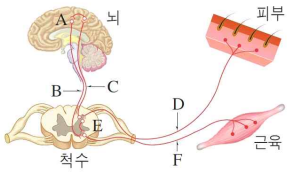
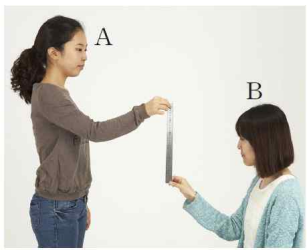
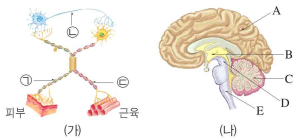
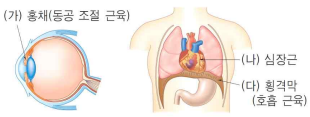
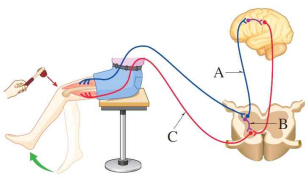
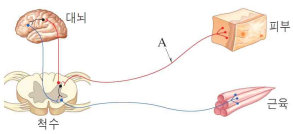
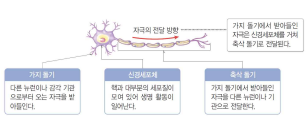
7-01-01(눈의 구조와 기능)	7-01-02(밝을 때 눈의 조절)	7-01-03(어두울 때 눈의 조절)	7-01-04(거리에 따른 눈의 조절)
			
7-01-05(눈의 이상-근시)	7-01-06(눈의 이상-원시)	7-01-07(사진기의 구조)	7-01-08(눈의 구조)
			
7-01-09(빛의 양 조절)	7-01-10(눈의 이상-근시)	7-01-11(귀의 구조와 기능)	7-01-12(코의 구조와 기능)
			
7-01-13(혀의 구조와 기능)	7-01-14(피부 감각)	7-01-15(귀의 구조)	7-01-16(간이사진기 실험1)
			

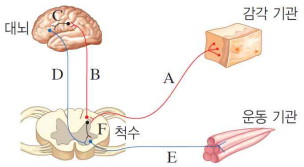
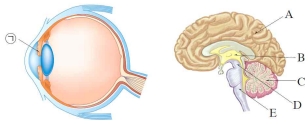
7-01-17(간이사진기 실험2)	7-01-18(간이사진기 실험3)	7-01-19(간이사진기 실험4)	7-01-20(간이사진기)
			
7-01-21(맛의 구분 실험1)	7-01-22(맛의 구분 실험2)	7-01-23(촉점의 분포 실험1)	7-01-24(촉점의 분포 실험2)
			
7-01-25(촉점의 분포)	7-01-26(눈의 구조)	7-01-27(원근 조절)	7-01-28(눈의 이상-근시)
			
7-01-29(귀의 구조)	7-01-30(코의 구조)	7-01-31(냉점 온점 실험)	7-01-32(동공과 수정체 변화)
			
7-01-33(원시 교정)	7-01-34(전정 기관 파괴 실험)	7-01-35(미각과 후각의 성립)	7-01-36(눈의 구조와 기능)
			

7-01-37(눈의 거리 조절)	7-01-38(코의 구조와 기능)	7-01-39(혀의 구조와 기능)	7-01-40(호먼큘러스)
			
7-01-41(간이 사진기와 사람 눈의 구조)	7-01-42(피부의 온도 감각1)	7-01-43(피부의 온도 감각2)	7-01-44(눈의 거리 조절)
			
7-01-45(사람 눈의 구조)	7-01-46(오투)		
			

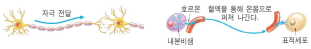
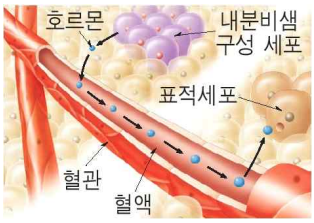
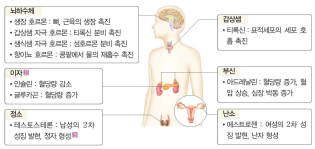
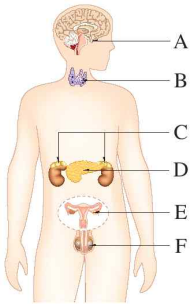
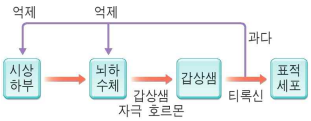
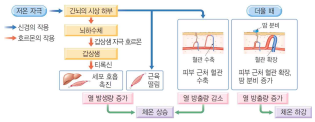
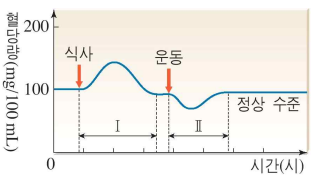
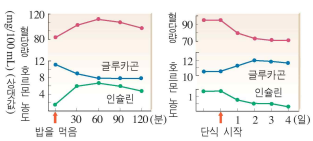
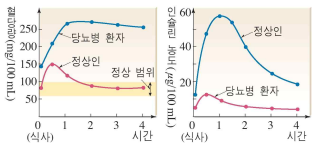
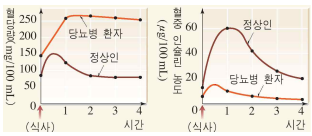
02. 신경계

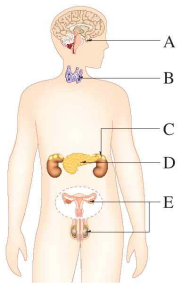
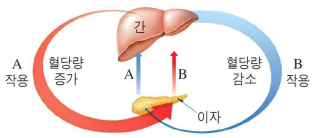
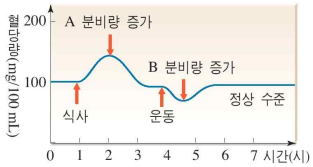
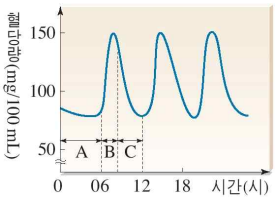
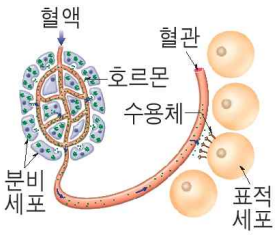
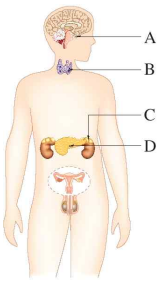
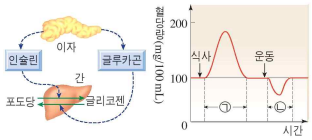
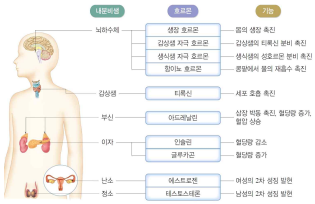
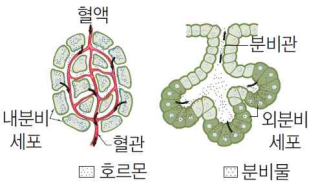
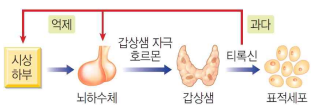
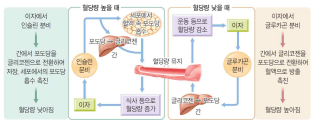
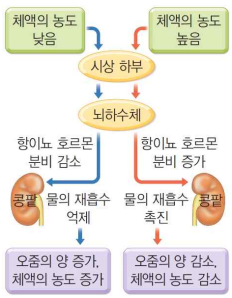
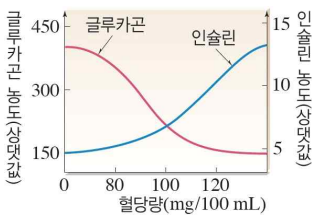
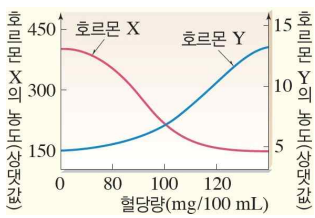
7-02-01(뉴런의 구조)	7-02-02(뉴런의 종류)	7-02-03(뇌의 구조와 기능)	7-02-04(신경계의 구성)
			
7-02-05(뉴런의 구조)	7-02-06(뉴런의 종류)	7-02-07(뇌의 구조)	7-02-08(반응의 구분)
			

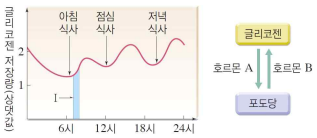
7-02-09(컵을 집어 올리는 반응 경로)	7-02-10(무릎 반사 경로)	7-02-11(반응의 경로)	7-02-12(반응의 경로)
			
7-02-13(반응 시간 측정 실험1)	7-02-14(반응 시간 측정 실험2)	7-02-15(자가 떨어진 거리-낙하 시간 관계 그래프)	7-02-16(무릎 반사 실험)
			
7-02-17(무릎 반사 경로)	7-02-18(뉴런의 종류)	7-02-19(반응의 구분)	7-02-20(반응의 경로)
			
7-02-21(무릎 반사)	7-02-22(반응 시간 측정 실험)	7-02-23(뉴런의 종류와 뇌 구조)	7-02-24(신경계의 근육 조절)
			
7-02-25(무릎 반사 경로)	7-02-26(신경계 손상)	7-02-27(뉴런의 구조와 기능)	7-02-28(중추 신경계의 구조와 기능)
			

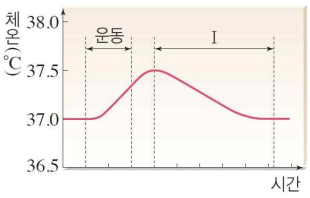
7-02-29(자극의 전달 경로)	7-02-30(반응 시간1)	7-02-31(반응 시간2)	7-02-32(사람 눈과 뇌의 구조)
			

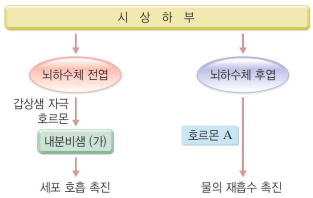
03. 항상성

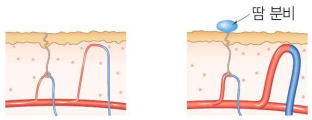
7-03-01(신경과 호르몬)	7-03-02(호르몬의 이동과 작용)	7-03-03(사람의 내분비샘과 호르몬)	7-03-04(사람의 내분비샘)
			
7-03-05(티록신 분비량 조절)	7-03-06(혈당량 조절)	7-03-07(체온 조절)	7-03-08(혈당량 조절)
			
7-03-09(식사 후와 운동할 때 혈당량 변화)	7-03-10(식사 후와 단식할 때 혈당량과 호르몬의 농도 변화)	7-03-11(정상인과 당뇨병 환자의 식사 후 혈당량과 인슐린 농도 변화)	7-03-12(정상인과 당뇨병 환자의 식사 후 혈당량과 인슐린 농도 변화)
			
7-03-13(사람의 내분비샘)	7-03-14(티록신 분비량 조절 과정)	7-03-15(혈당량 조절 과정)	7-03-16(식사 후와 운동할 때 혈당량 변화)

			
7-03-17(하루 중 혈당량 변화)	7-03-18(호르몬의 이동과 작용)	7-03-19(사람의 내분비샘)	7-03-20(혈당량 조절 과정과 혈당량의 변화)
			
7-03-21(체온에 따른 피부의 모세 혈관 변화)	7-03-22(내분비샘과 호르몬)	7-03-23(내분비샘과 외분비샘)	7-03-24(티록신 분비량 조절)
			
7-03-25(혈당량 조절)	7-03-26(체액의 농도 조절)	7-03-27(혈당량에 따른 호르몬 농도 변화)	7-03-28(혈당량에 따른 호르몬 농도변화)
			
7-03-29(혈당량 변화와 호르몬의 작용)	7-03-30(운동 후 체온 변화)	7-03-31(티록신과 항이뇨 호르몬의 분비 조절)	7-03-32(체온에 따른 피부의 모세 혈관 변화)


아침 식사
점심 식사
저녁 식사
글리코젠 저장량(상댓값)
2
1
I
6시
12시
18시
24시
글리코젠
호르몬 A
호르몬 B
포도당


체온(℃)
38.0
37.5
37.0
36.5
운동
I
시간


시 상 하 부
뇌하수체 전엽
뇌하수체 후엽
갑상샘 자극 호르몬
내분비샘 (가)
호르몬 A
세포 호흡 촉진
물의 재흡수 촉진


땀 분비