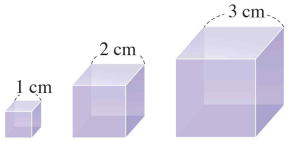
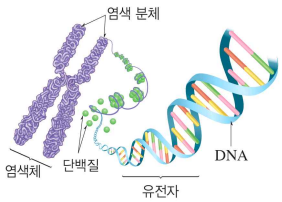
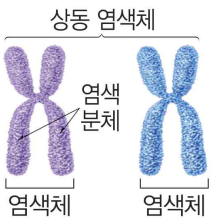
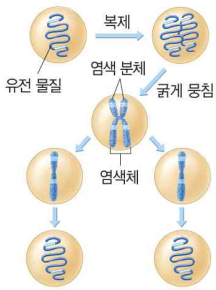
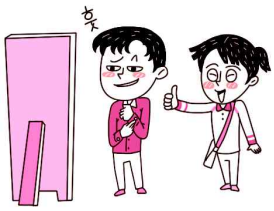
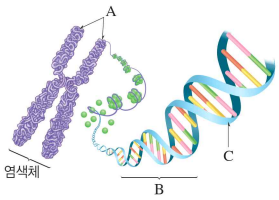
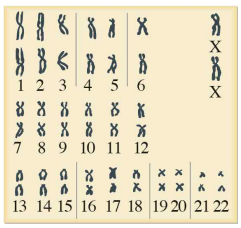
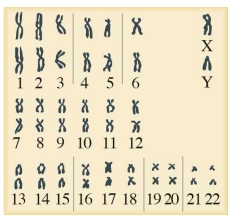
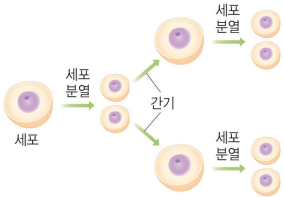
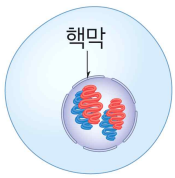
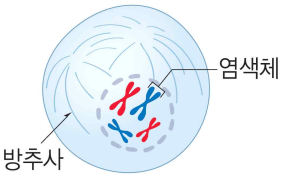
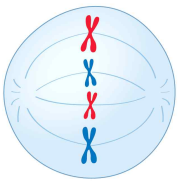
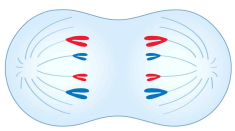
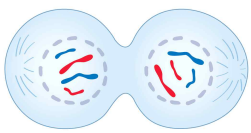
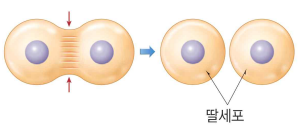
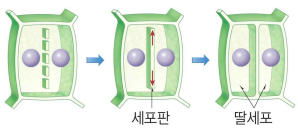
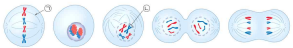
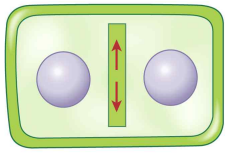
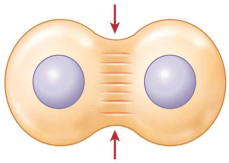
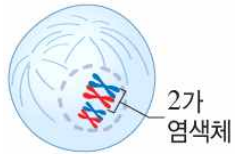
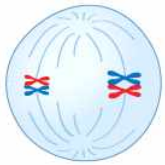
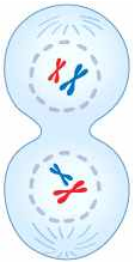
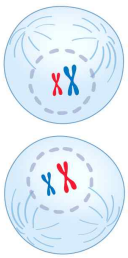
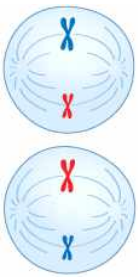
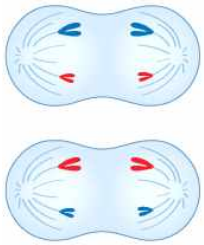
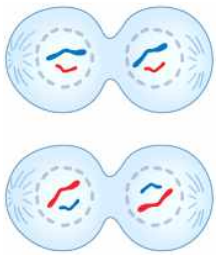
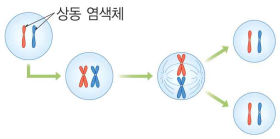
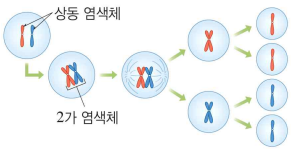
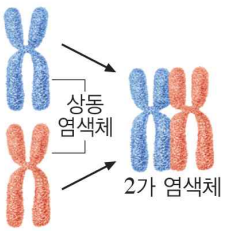
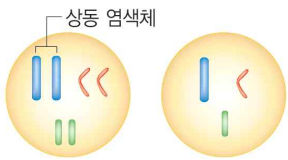
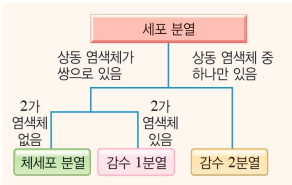
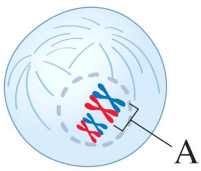
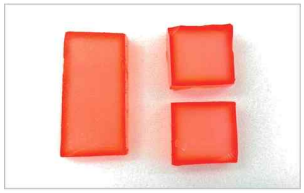
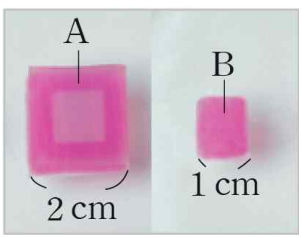
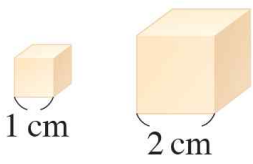
상상 그 이상 visang

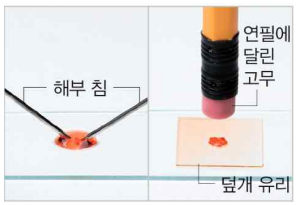
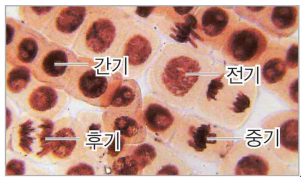
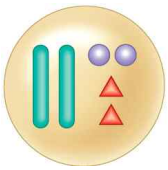
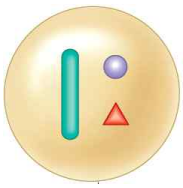
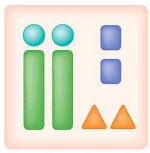
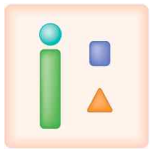
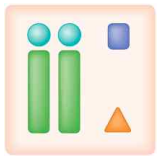
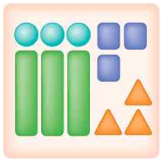
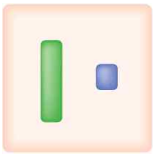
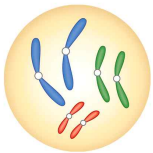
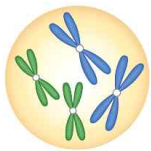
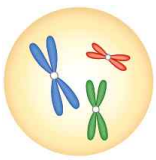
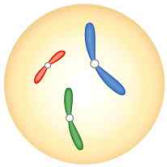
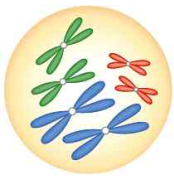
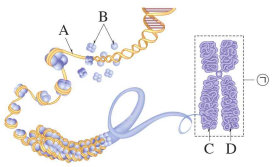
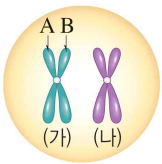
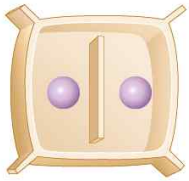
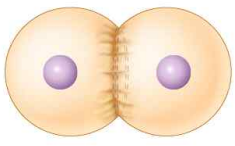
오투 중등과학 3-2교사용 CD 그림 자료 목록

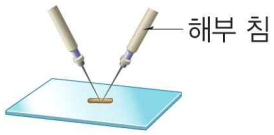
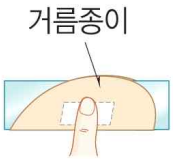
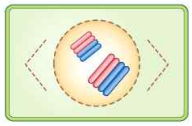
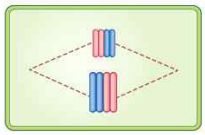
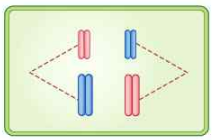
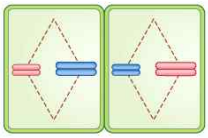
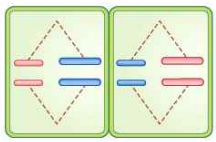
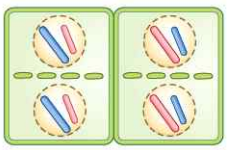
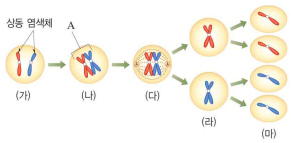
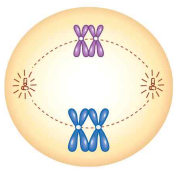
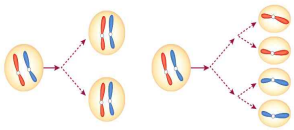
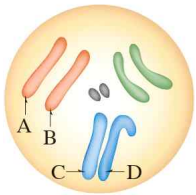
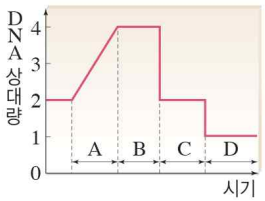
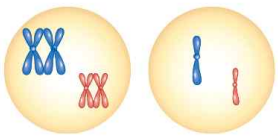
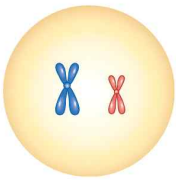
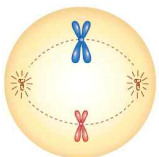
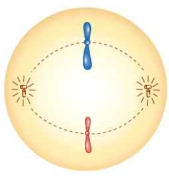
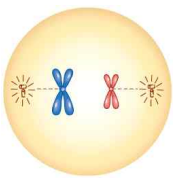
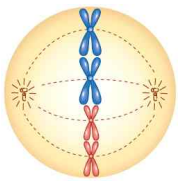
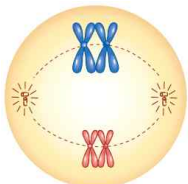
V. 생식과 유전

01. 세포 분열

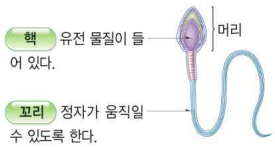
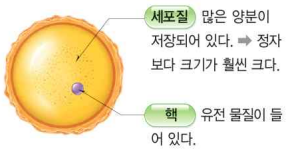
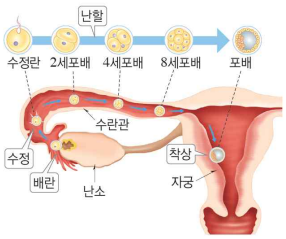
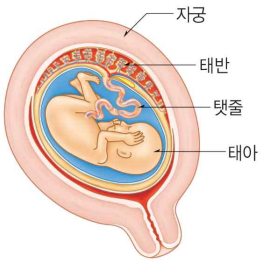
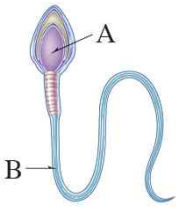
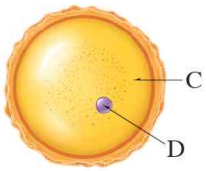
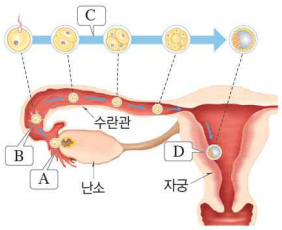
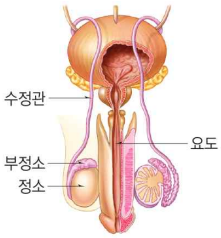
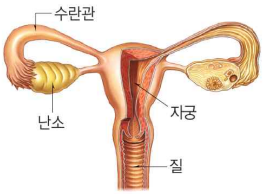
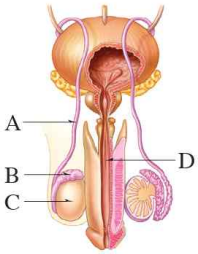
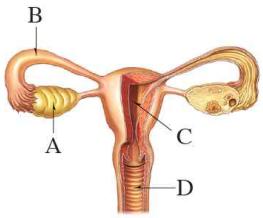
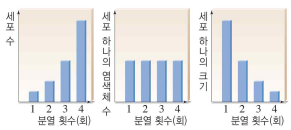
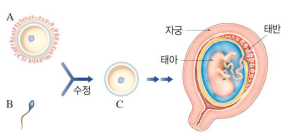
5-01-01(표면적과 부피)	5-01-02(염색체 구조)	5-01-03(상동 염색체)	5-01-04(세포 분열)
			
5-01-05(Y셔츠)	**5-01-06(염색체 구조)**	**5-01-07(여자의 염색체)**	**5-01-08(남자의 염색체)**
			
5-01-09(세포 분열)	**5-01-10(간기)**	**5-01-11(전기)**	**5-01-12(중기)**
			
5-01-13(후기)	**5-01-14(말기)**	**5-01-15(동물 세포의 세포질 분열)**	**5-01-16(식물 세포의 세포질 분열)**
			
5-01-17(세포 주기)	**5-01-18(체세포 분열)**	**5-01-19(식물 세포의 세포질 분열)**	**5-01-20(동물 세포의 세포질 분열)**
			

5-01-21(감수 1분열 전기)	5-01-22(감수 1분열 중기)	5-01-23(감수 1분열 후기)	5-01-24(감수 1분열 말기)
			
5-01-25(감수 2분열 전기)	**5-01-26(감수 2분열 중기)**	**5-01-27(감수 2분열 후기)**	**5-01-28(감수 2분열 말기)**
			
5-01-29(체세포 분열)	**5-01-30(감수 분열)**	**5-01-31(2가 염색체)**	**5-01-32(체세포와 생식세포)**
			
5-01-33(세포 분열 종류)	**5-01-34(감수 1분열 전기)**	**5-01-35(감수 분열)**	**5-01-36(표면적과 부피 관계 실험)**
			
5-01-37(표면적과 부피 관계 실험)	**5-01-38(표면적과 부피 관계 실험)**	**5-01-39(표면적과 부피 관계 실험)**	**5-01-40(표면적과 부피)**
			

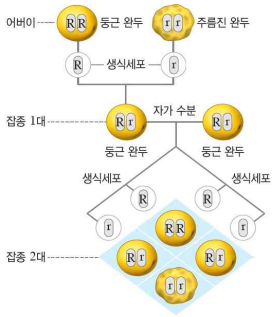
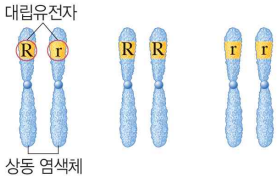
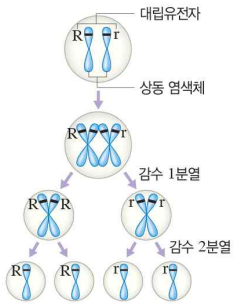
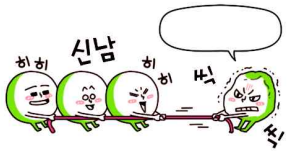
5-01-41(양파 뿌리)	5-01-42(고정)	5-01-43(해리)	5-01-44(염색)
			
5-01-45(분리)	5-01-46(압착)	5-01-47(체세포 분열)	5-01-48(염색체 구성)
			
5-01-49(염색체 구성)	5-01-50(염색체 구성)	5-01-51(염색체 구성)	5-01-52(염색체 구성)
			
5-01-53(염색체 구성)	5-01-54(염색체 구성)	5-01-55(염색체 구성)	5-01-56(염색체 구성)
			
5-01-57(염색체 구성)	5-01-58(염색체 구성)	5-01-59(염색체 구성)	5-01-60(염색체 구조)
			
5-01-61(상동 염색체)	5-01-62(체세포 분열)	5-01-63(식물 세포의 세포질 분열)	5-01-64(동물 세포의 세포질 분열)
			

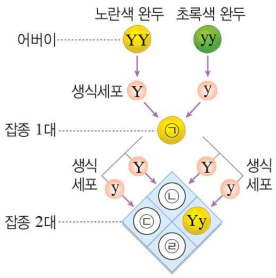
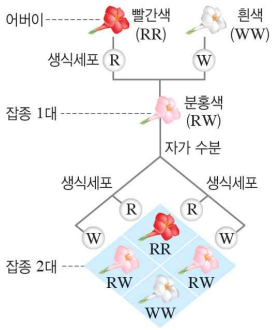
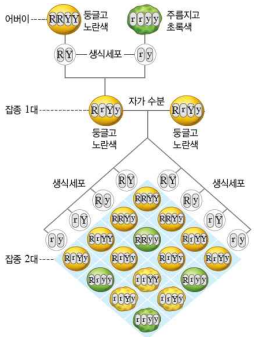
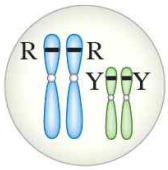
5-01-65(고정)	5-01-66(해리)	5-01-67(염색)	5-01-68(분리)
			
5-01-69(압착)	**5-01-70(감수 1분열 전기)**	**5-01-71(감수 1분열 중기)**	**5-01-72(감수 1분열 후기)**
			
5-01-73(감수 2분열 중기)	**5-01-74(감수 2분열 후기)**	**5-01-75(감수 2분열 말기)**	**5-01-76(감수 분열)**
			
5-01-77(감수 1분열 중기)	**5-01-78(체세포 분열과 감수 분열)**	**5-01-79(염색체 구성)**	**5-01-80(DNA양 변화)**
			
5-01-81(염색체 구성)	**5-01-82(감수 2분열 전기)**	**5-01-79(감수 2분열 중기)**	**5-01-80(세포 분열)**
			
5-01-81(세포 분열)	**5-01-82(체세포 분열 중기)**	**5-01-83(감수 1분열 중기)**	
			

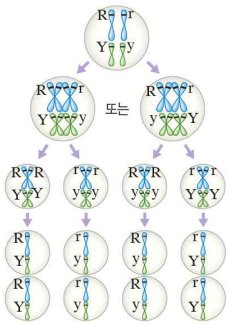
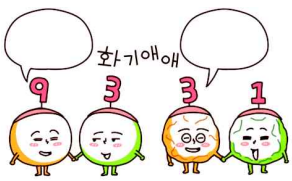
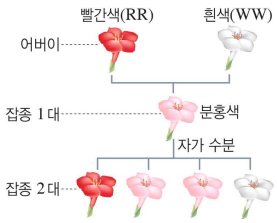
02. 사람의 발생

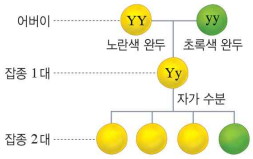
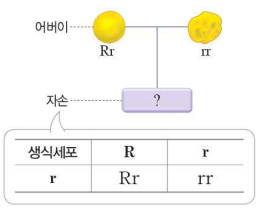
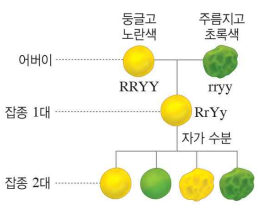
5-02-01(정자)	5-02-02(난자)	5-02-03(착상 과정)	5-02-04(태아와 태반)
			
5-02-05(정자)	**5-02-06(난자)**	**5-02-07(착상 과정)**	**5-02-08(남자 생식 기관)**
			
5-02-09(여자 생식 기관)	**5-02-10(남자 생식 기관)**	**5-02-11(여자 생식 기관)**	**5-02-12(정자)**
			
5-02-13(난자)	**5-02-14(난할 과정)**	**5-02-15(난할의 특징)**	**5-02-16(태아 발생 과정)**
			
5-02-17(수정과 발생)			
			

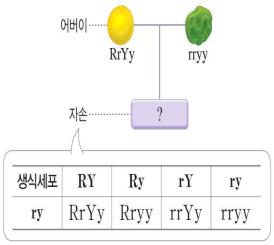
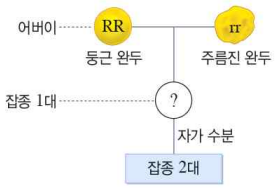
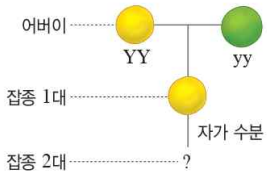
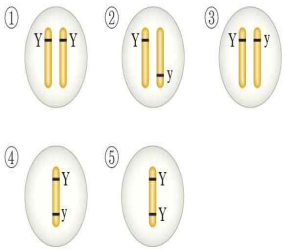
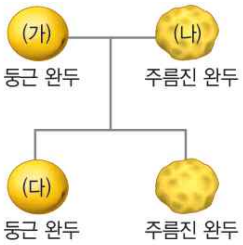
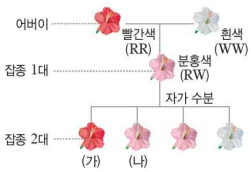
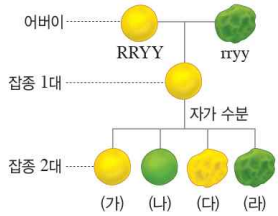
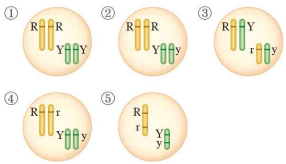
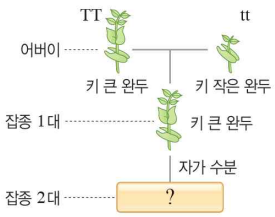
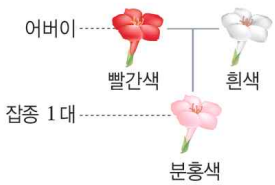
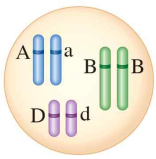
03. 멘델의 유전 원리

5-03-01(완두씨 모양 유전)	5-03-02(대립유전자)	5-03-03(생식세포 형성)	5-03-04(분리의 법칙)
			

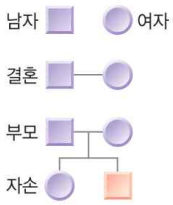
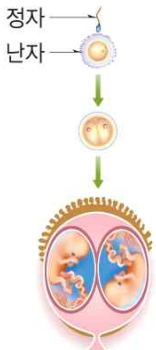
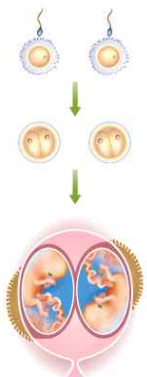
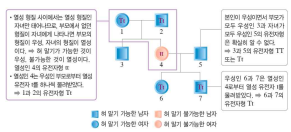
5-03-05(완두씨 색깔 유전)	5-03-06(분꽃의 꽃잎 색깔 유전)	5-03-07(완두씨 모양과 색깔 유전)	5-03-08(대립유전자)
			

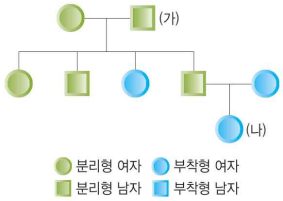
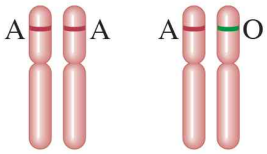
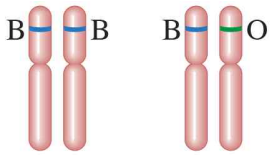
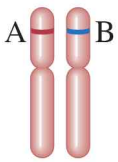
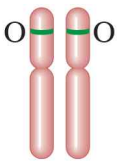
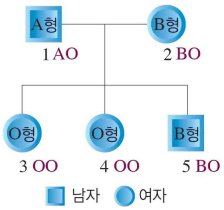
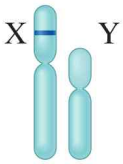
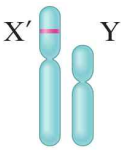
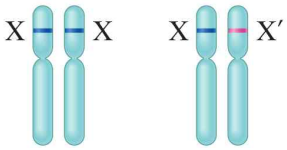
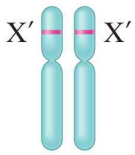
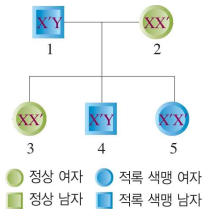
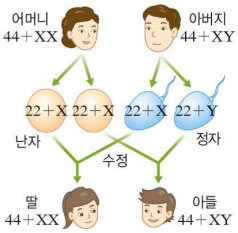
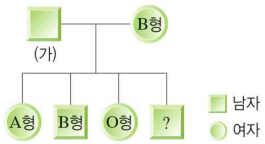
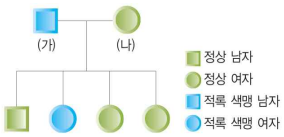
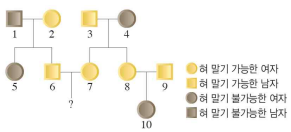
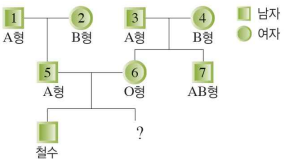
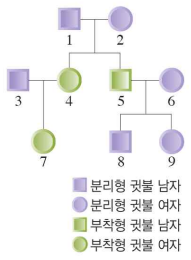
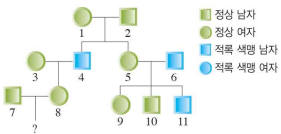
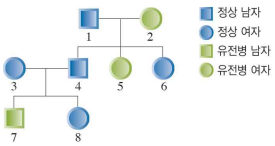
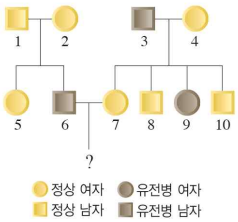
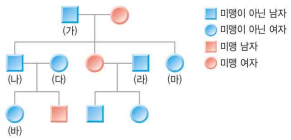
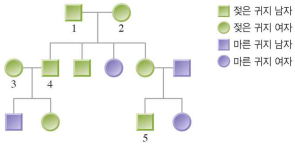
5-03-09(생식세포 형성)	5-03-10(독립의 법칙)	5-03-11(분꽃의 꽃잎 색깔 유전)	5-03-12(완두씨 모양과 색깔 유전)
			

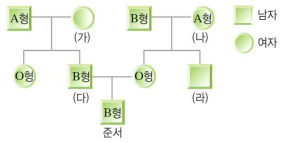
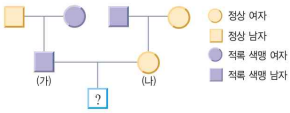
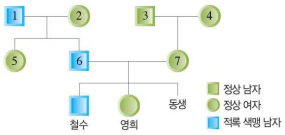
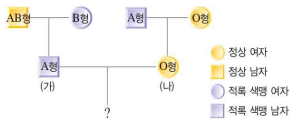
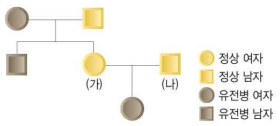
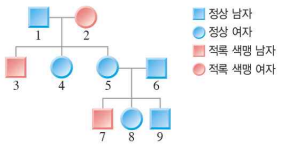
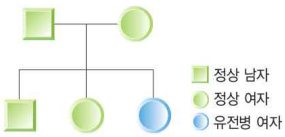
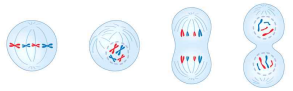
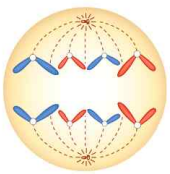
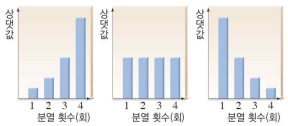
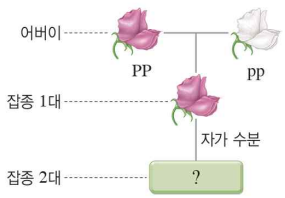
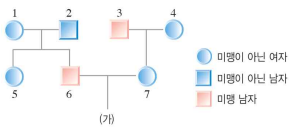
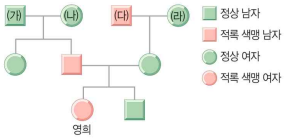
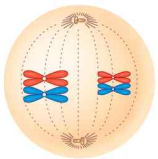
5-03-13(완두씨 색깔 유전)	5-03-14(멘델)	5-03-15(완두씨 모양 유전)	5-03-16(완두씨 모양과 색깔 유전)
			

5-03-17(멘델)	5-03-18(완두씨 모양과 색깔 유전)	5-03-19(완두씨 모양 유전)	5-03-20(완두씨 색깔 유전)
			
5-03-21(대립유전자)	**5-03-22(완두씨 모양 유전)**	**5-03-23(분꽃 꽃잎 색깔 유전)**	**5-03-24(완두씨 모양과 색깔 유전)**
			
5-03-25(대립유전자)	**5-03-26(완두 키 유전)**	**5-03-27(분꽃 꽃잎 색깔 유전)**	**5-03-28(대립유전자)**
			

04. 사람의 유전

5-04-01(가계도)	5-04-02(1란성 쌍둥이)	5-04-03(2란성 쌍둥이)	5-04-04(혀 말기 가계도)
			

5-04-05(혀 말기 가계도)	5-04-06(귓불 가계도)	5-04-07(A형)	5-04-08(B형)
			
5-04-09(AB형)	**5-04-10(O형)**	**5-04-11(혈액형 가계도)**	**5-04-12(정상 남자)**
			
5-04-13(색맹 남자)	**5-04-14(정상 여자)**	**5-04-15(색맹 여자)**	**5-04-16(색맹 가계도)**
			
5-04-17(성 결정)	**5-04-18(혈액형 결정)**	**5-04-19(혈액형 가계도)**	**5-04-20(색맹 가계도)**
			
5-04-21(혀 말기 가계도)	**5-04-22(혈액형 가계도)**	**5-04-23(귓불 가계도)**	**5-04-24(색맹 가계도)**
			
5-04-25(유전병 가계도)	**5-04-26(유전병 가계도)**	**5-04-27(미맹 가계도)**	**5-04-28(귀지 가계도)**
			

5-04-29(혈액형 가계도)	5-04-30(색맹 가계도)	5-04-31(색맹 가계도)	5-04-32(혈액형과 색맹 가계도)
			
5-04-33(유전병 가계도)	**5-04-34(색맹 가계도)**	**5-04-35(유전병 가계도)**	**5-04-36(체세포 분열)**
			
5-04-37(체세포 분열 후기)	**5-04-38(정자와 난자)**	**5-04-39(난할의 특징)**	**5-04-40(완두 꽃잎 색깔 유전)**
			
5-04-41(미맹 가계도)	**5-04-42(혈액형 가계도)**	**5-04-43(색맹 가계도)**	**5-04-44(감수 1분열 중기)**
			
5-04-45(보조개 가계도)	**5-04-46(유전병 가계도)**