

## Pea Plant Coin Flip Activity

The following are examples of the pea plant coin flip activity. The students completed this activity on a blank sheet of paper based on their understanding from the readings and directions about flipping the coin to represent traits. There is also a worksheet provided in the resources that guides students through this activity.

- Punnett's  $\square$  shows the different possibilities for an offspring
- Punnett's  $\square$  explains Mendel's data because it shows how dominant & recessive genes collide

$\underline{S} S$  angular/round  
 $P p$  Green/yellow  
 $LL$  long/long

	S	S
S	SS	SS
S	SS	SS

	P	P
P	PP	PP
P	PP	PP

	L	L
L	LL	LL
L	LL	LL

Seed shape
Pod color
Stem Length

Any letter that is ■ will be described as recessive.  
 Any letter that is ■ will be described as dominant.

Heads: Dominant

Tails: recessive

Shape:  $SS$  | round

Pod color:  $PP$  | Yellow

Stem length:  $ll$  | Short

	P	P	
	green	green	
P	P	P	
	green	green	
P	P	P	
	green	green	

4:0  
green

Pod color

	S	s	4:0
	round	round	
S	SS	Ss	round
	round	round	
S	SS	Ss	

	l	l	
	Short	Short	
l	ll	ll	0:4
	Short	Short	
l	ll	ll	Short

