Teacher's Note: You have two card sets to choose from for the chat stations.

The first set of five cards provides the type of reaction. Students must solve for the products using the molecular models.

The second set of five cards provides the entire equation. Students must determine what type of reaction each equation is and create the products using the molecular models.

STATION 1: SINGLE REPLACEMENT

Fe +
$$2CuCl \rightarrow$$

STATION 2: DECOMPOSITION

2CuO →

STATION 3: COMBUSTION

$$CH_4 + 2O_2 \rightarrow$$

STATION 4: DOUBLE REPLACEMENT

STATION 5: SYNTHESIS

$$2H_2 + O_2 \rightarrow$$

Fe + 2CuCl → FeCl₂ + 2Cu

 $2CUO \rightarrow 2CU + O_2$

$$CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$$

NaCl + HBr → NaBr + HCl

$$2H_2 + O_2 \rightarrow 2H_2O$$