#### **BIOTECHNOLOGY (HS)**

# **GMO speed dating**

Focus question	What do you know about GMOs?
Vocabulary	AFGP gene, antigen, anti-thrombin, blight, CP4 EPSPS, chymosin, cucumber mosaic cucumovirus, cystic fibrosis, EPSP synthase, glucosidase, glyphosate, lactoferrin, Leber's congenital amaurosis, papaya ringspot virus, polygalacturonase (PG), protease, watermelon mosaic (poty)virus, zucchini yellow mosaic (poty)virus

#### **Materials**

- Donor cards
- · Recipient cards

#### Instructions

- 1. Each participant gets one card. The donor card holders sit around the room. The recipient card holders spend 30 seconds with one donor card holder.
- 2. After 30 seconds, the recipient card holders move to a new donor card holder. Repeat until all recipients have spoken with all donors.
- 3. Participants choose their match. Each match stands and shares their match with the large group.

### Reflection

1. Which pairings were hardest to find?

2. What other combinations might you be able to make?

### **Extension**

What is the future of GMOs? How might GMOs address these issues: *Reduce food waste; increase production; reduce vulnerability to environmental stresses*.Rubric for self-assessment

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## **Rubric for self-assessment**

Skill	Yes	No	Unsure
I found a match and made a claim about the possibility of the match.			
I provided evidence to back up the claim.			
I was able to discuss the benefits and risks of the match.			