

## **News Story Summary**

In July, the International Space Station (ISS) National Laboratory announced a partnership with NASA in which five cancer-related research projects would be done in the ISS laboratory. More than \$7 million in funding will be awarded for the research, which will take advantage of the unique microgravity environment of the ISS to accelerate the work.

The projects chosen involve researchers from across the United States. Their projects include the following: producing therapeutics designed to target drug delivery to solid tumors; testing how cancer drugs affect the heart; research on preventing cancer reoccurrence; studying T cells (a type of white blood cells) to improve immunotherapy for patients with cancer and autoimmune diseases; and research to create a more effective chemotherapy for colorectal cancer.

For more about this story, search "NASA and ISS partner on cancer research"

## Engage

To supplement the Engage activities, give a blindfold to each adult. When everyone has arrived, divide adults into small teams. Explain that you will give each team a string circle to form into the shape of a perfect square while blindfolded. Instruct teams to put on their blindfolds and then give them the piece of string. All the team members must be holding the string. When teams think they have completed the square, they should lay the string on the floor. They can then remove their blindfolds without touching their strings.

Ask: What was necessary to complete this activity? (Possible answers: collaboration, communication, problem-solving, creating a finished product) What do you think would happen if each person tried to form their own squares? Point out the value of working together to accomplish a difficult task. Then explain that today's lesson highlights the value of cooperation and partnerships.

## Challenge

To supplement the Challenge activities, recall the project involving NASA and the International Space Station. Say: *As we learned today, God provides partnerships to share the gospel.* Give each adult a notecard and a pencil. Direct them to write down the ministry partnerships God has brought into their lives. These could be people they went on mission trips with or partners in another project. Then, direct them to turn the card over and list ways they could partner with others to minister and share the gospel. Allow adults to share their ideas. If time allows, begin planning an outreach activity for the group in the near future. Then close in prayer.