

THIS WEEK'S CREATION MOMENT

Calibrating the Bee Odometer



For thou art my rock and my fortress; therefore for thy name's sake lead me, and guide me. (Psalm 31:3)

When a honeybee finds a good source of food, she returns to the hive to tell fellow bees where it is. Her dance tells nest mates the direction of the source from the nest and how far away it is. Researchers have long puzzled over how the bee knows the distance she has traveled. Several theories have been proposed, but until now, none have been proven.

Several years ago, an international research team convincingly demonstrated how bees know how far they have traveled visually. Researchers trained bees to fly through a 30 foot tube by placing food at the far side. Then they placed a checkerboard pattern inside the tube designed to make the bees think they had flown farther than they really had. Researchers found that the pattern made the bees think they had flown 31 times farther than they really had. After watching the bees that had gone through the tricky tube, researchers calculated that for every 18 degrees an image travels across the bee's eye, she will dance for one millisecond as she communicates her discovery. As one researcher put it, they have calibrated the bees' odometer.

Bees themselves are a wonder of design. The way they communicate their finds with one another are even more difficult to explain by those who accept evolution. These are all designs of the Creator Who wishes to guide us to Himself. He communicates with us through His Word that tells us of salvation through the forgiveness of sins that is found in His Son, Jesus Christ.

Ref: Science News, 2/5/00, p. 87, "Bees log flight distances, train with maps." Photo: Honeybees on comb. Courtesy of Magnus Manske. (CC-BY-SA 3.0)

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Memorial



October 8, 2023

Church Office

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Pastor Pat Campbell: Cell (636) 293-2210
Secretary, Linda Warner Cell (314) 795-7832
Music Coordinator, Jeff Krueger (314) 971-4243
Deacon on Call, Chris Smith (636) 432-2286

This Week at Memorial

Sunday, October 8, 2023

8:45am - Discipleship Classes

10:00am - Worship - Pastor Appreciation

10/8-14 - Kentucky Mission Trip

10/11 - Business Meeting - Christmas Program Practice

A Look Ahead

10/20 - L.I.F.T.

10/29 - Fifth Sunday Service 6pm (Youth Led)

10/31 - Fall Fun Fest

11/5 - Breakfast

11/6 - Upward Evaluations. 6-8pm

11/7 - Veterans' Luncheon

11/9 - Upward Evaluations. 6-8pm

12/8 - Youth Dinner Concert

12/10 - Christmas Program & Luncheon

Kentucky Mission Trip

Please keep the Kentucky Mission Trip in your prayers. The trip will be from October 8 - 14.

Business Meeting & Wednesday Evening Activities

October 11 at 7pm is the next business meeting. The only other activity that evening will be practice for the Christmas Program from 6pm - 6:45pm.

Upward Basketball Registration Open

Upward evaluations are 11/6 and 11/9 from 6-8pm. Please scan the QR code below to register. Grades K-4 will be participating.

Participant registration <https://registration.upward.org/UPW85209>

Volunteer registration <https://registration.upward.org/UPW85209/volunteer>



October 8, 2023

Joy Junction

8:45am - Cindy S.

10:00am Svc. - Julie C., Thomas S.

Wed. - October 11 - Cindy S.

Junior Church

Jamie B. - James P.

Kids Connection - Wed.

Amy J. - Ryan G.

Usher Ministry

8:45 - Sunday School - Steve G.

10:00am - Ryan W. - Jesse W., Ben S.

Wed. - October 11 - Ed S.

October 15, 2023

Joy Junction

8:45am - Ben & Kim S.

10:00am Svc. - Julie & Ryan S.

Wed. - October 18 - Linda W.

Junior Church

Lisa R. - Levi J.

Kids Connection - Wed.

Amy J. - Ryan G.

Usher Ministry

8:45 - Sunday School - Kevin M.

10:00am - Jim S. - Gary S., Lester O.

Wed. - October 18 - Tim R.

Fall Fun Fest

Candy is needed for the Fall Fun Fest on October 31 from 6pm - 8pm. Please put candy in the barrel outside the sanctuary. If you would like to serve by operating a booth, please contact Chris Smith at 636-432-2286 or Laura Smith at 636-234-4985. There is a sign-up sheet at the Welcome Center for both the booths and kitchen.

Missouri Missions Offering

Offerings will be accepted during the entire month of October if you would still like to give.