



**CO-OPERATIVE LEARNING:**

**WHAT MAKES TEAMWORK**

**WORK?**

NANCY A. MADDEN

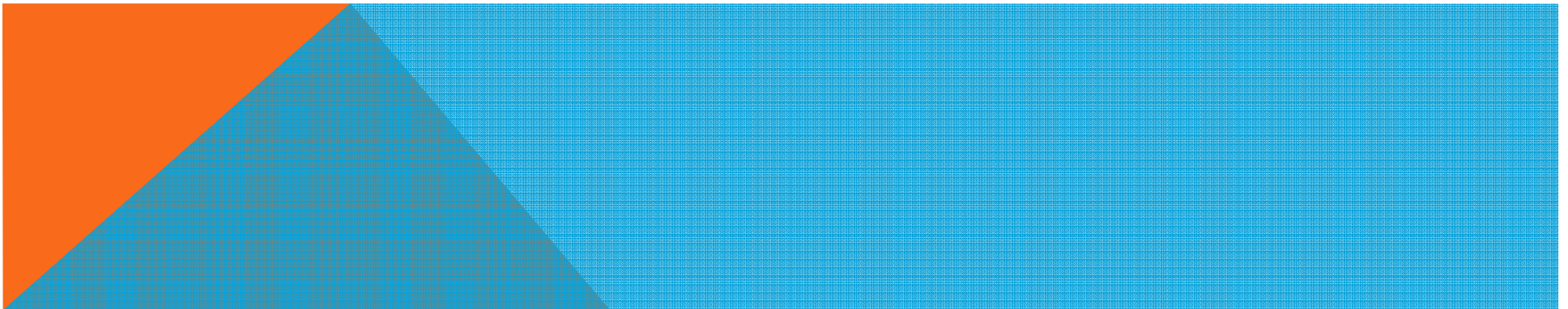
JOHNS HOPKINS UNIVERSITY

AND

THE SUCCESS FOR ALL FOUNDATION

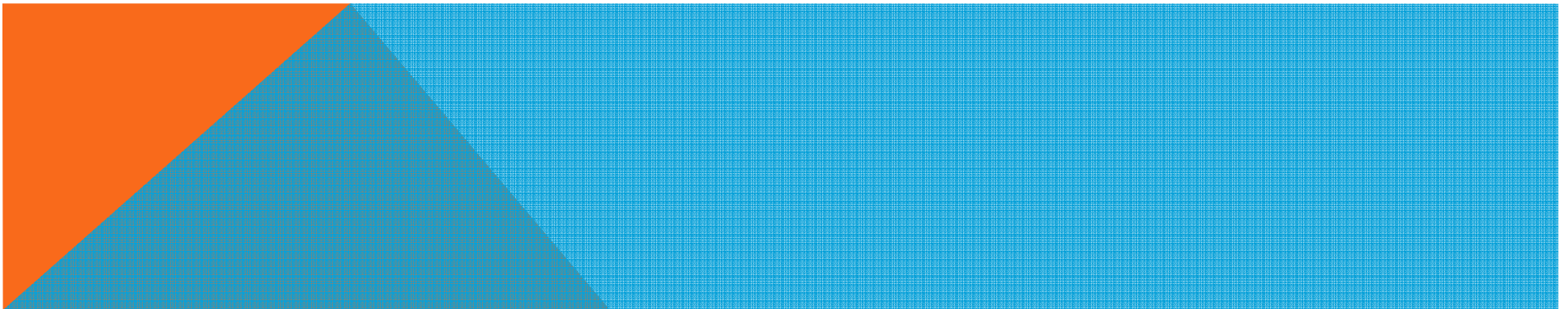
# COOPERATIVE LEARNING

- **How did we get started?**



# COOPERATIVE LEARNING

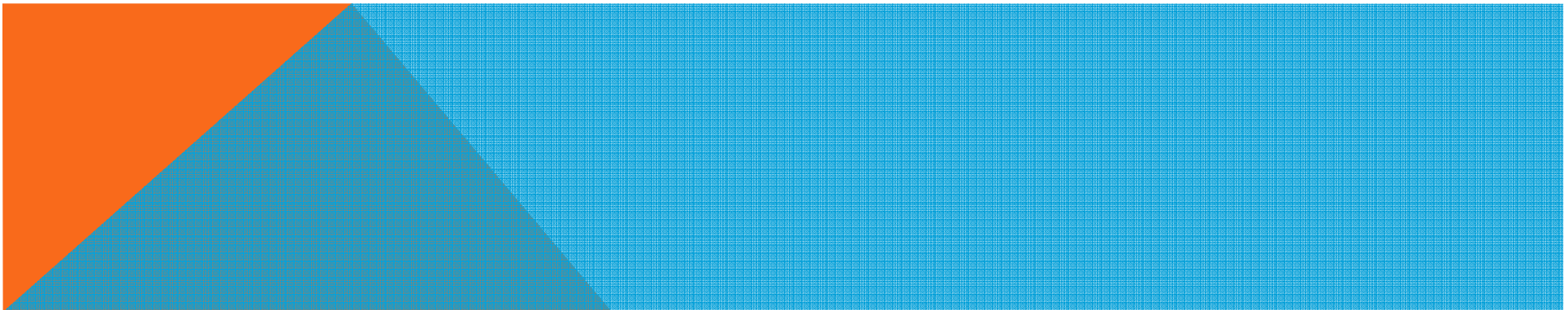
- **Group work is widely used**
- **But, effective forms of group work are not common**



# WHY DOES TEAMWORK WORK?

## MOTIVATION

- **Peer encouragement for learning replaces individual competition**
- **Active participation in discussion engages all students**



# WHY DOES TEAMWORK WORK?

## PEER EXPLANATIONS

### **Explaining current understandings**

- Learning by teaching
- Elaboration
- Organization of thinking

### **Personalised help**

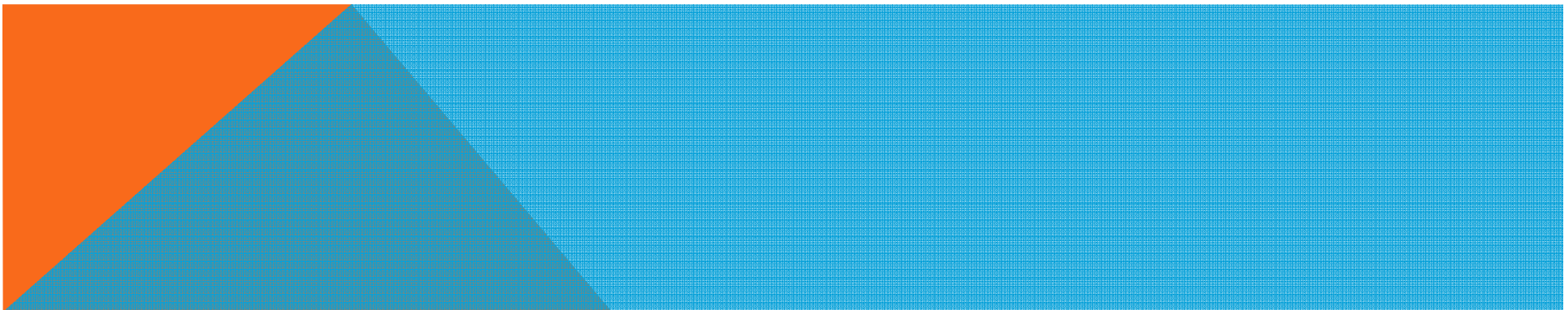
- Explanations from current learners
- Explanations in zone of proximal development

One-to-one attention

**Immediate feedback**

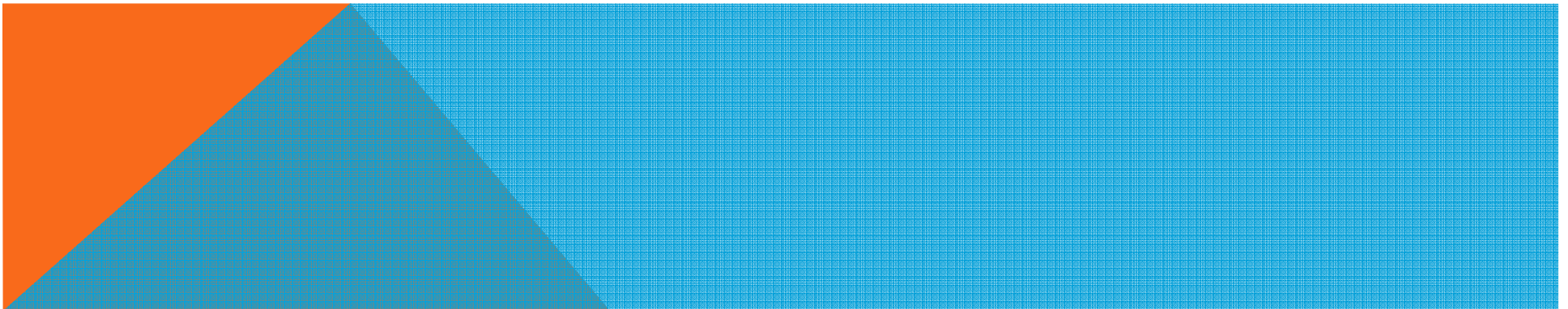
## GET ENGAGED

- **Identify 3 other people around you to form a group of four.**
- **Share with your teammates a reason that you have come this evening.**
- **Identify something that is similar among the four reasons given.**
- **Be prepared to share for your team.**



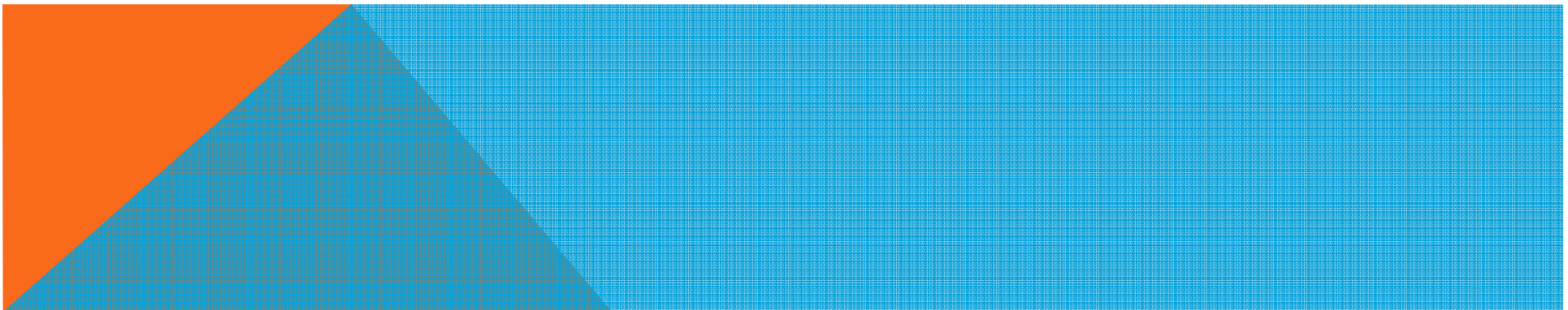
# TEAM STRUCTURE

- **Groups of 4 with mixed performance levels**
- **Individual accountability for learning**
- **Recognition for team success**



# SUPPORT FOR COOPERATION

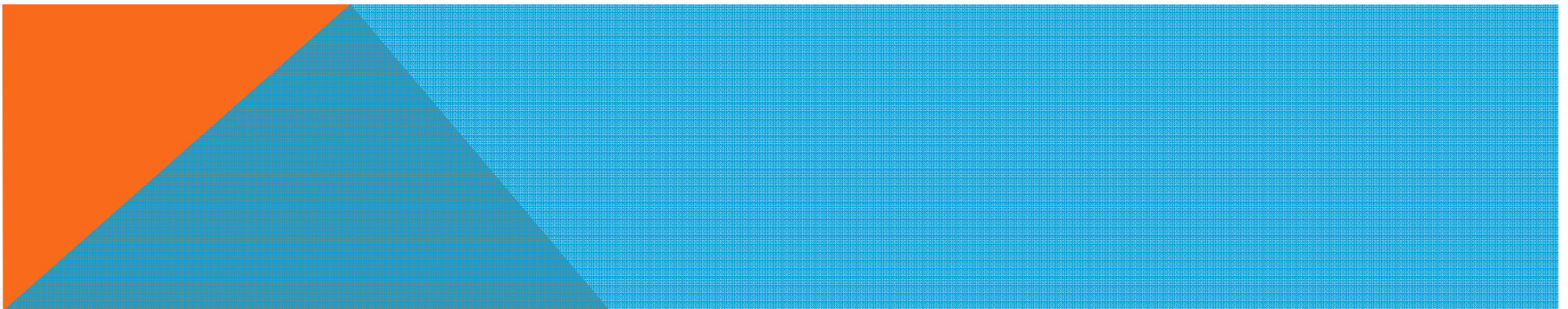
- **Active listening**
- **Explain your ideas – Tell why**
- **Everyone participates**
- **Encourage teammates**
- **Complete your work**





# BUILDING INDIVIDUAL ACCOUTABILITY

- Team scores for quizzes, oral responses or written products
- Random Reporter



Hattie  
Y5b/c

## Power teaching Maths

12.10.18

I love how we are doing maths I used to  
be rubbish at maths now I'm really good and I'm  
more confident of what I'm doing. ~~So~~ I really like  
How now we do our work with team mastery and random  
reporter.

Power Teaching Maths : 12.10.16

Usman Maths mixer!

Dear Mrs Sweik

This team thing has been good  
because we have been explaining it.

And I like the bit that we  
did Active listening.

From

Usman

Mahmood.

## TEACHERS' COMMENTS

My class is much more engaged in math lessons and the children are enjoying talking about math!

The program has raised my expectations of what the children can do and it has also raised the students' own expectations of themselves.

# BUILDING TEACHERS' SUCCESS THROUGH LISTENING

- Introductions
- Materials
- Coaching
- Schoolwide support

