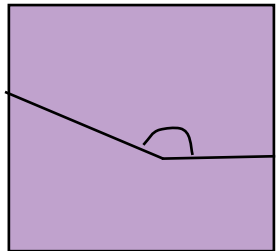
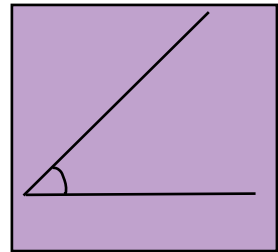
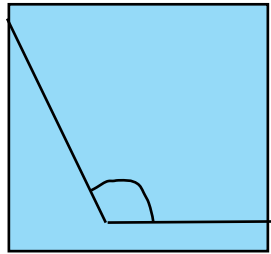
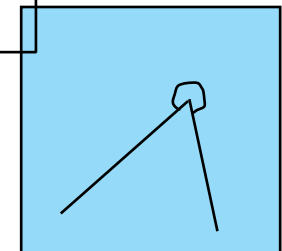
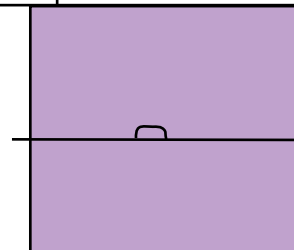
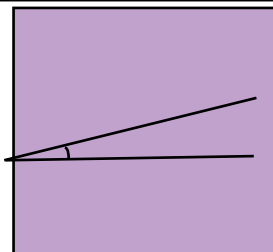
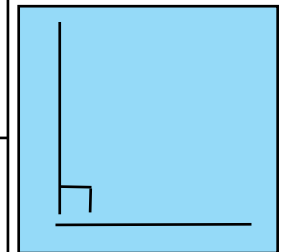
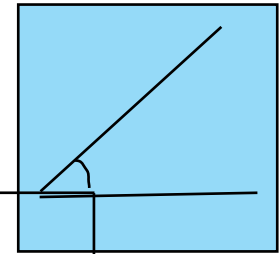


# Angle Connect Four Game



an acute angle	more than an acute or a right angle	less than a reflex angle	more than a straight line	an obtuse angle	an acute angle
more than an obtuse angle	less than a straight line but more than a right angle	less than a right angle	a reflex angle	less than an obtuse or a right angle	more than an obtuse angle or a straight line
more than a right angle but less than a reflex angle	a reflex angle	an obtuse angle	less than an obtuse angle	an obtuse angle	less than a reflex angle
less than an obtuse angle but more than an acute angle	an acute angle	less than a reflex angle but more than an obtuse angle	less than a reflex angle or a straight line but more than a right angle	less than a right angle	a right angle



# Angle Connect Four

This activity was developed by Steve Cooke and Graham Lawlor in about 1988. There were originally three activities which you still might like to try out. The first activity was sequencing the one set of the cards in size of angle order, the second was grouping the cards in sets e.g. those less than a right angle, those less than  $45^\circ$  etc. For this activity you might need a larger set of cards so that angles could if necessary be measured. Cards like this could be used for Angle Snap! If there is a demand for these we can put them on line but you can find similar in Nrich and SMILE has also been mined out of the archive and is available on line.

We have made the board spaces slightly larger than the cards, but you may prefer to enlarge the board up to A3. You will need to print the cards in two colours for the game.

The webaddress for this activity is:

<http://www.collaborativelearning.org/anglec4.pdf>

Last updated 11th February 2016

## COLLABORATIVE LEARNING PROJECT

Project Director: Stuart Scott

We support a network of teaching professionals throughout the European Union to promote inclusive education. We develop and disseminate accessible talk-for-learning activities in all subject areas and for all ages.

17, Barford Street, Islington, London N1 0QB UK Phone: 0044 (0)20 7226 8885

Website: <http://www.collaborativelearning.org>

## BRIEF SUMMARY OF BASIC PRINCIPLES BEHIND OUR TEACHING ACTIVITIES:

The project is a teacher network, and a non-profit making educational trust. Our main aim is to develop and disseminate classroom tested examples of effective group strategies that promote talk across all phases and subjects. We hope they will inspire you to develop and use similar strategies in other topics and curriculum areas. We want to encourage you to change them and adapt them to your classroom and students. We run teacher workshops, swapshops and conferences throughout the European Union. The project posts online many activities in all subject areas. An online newsletter is also updated regularly.

\*These activities are influenced by current thinking about the role of language in learning. They are designed to help children learn through talk and active learning in small groups. They work best in non selective classes where children in need of language or learning support are integrated. They are well suited for the development of speaking and listening. They provide teachers opportunities for assessment of speaking and listening.

\*They support differentiation by placing a high value on what children can offer to each other on a particular topic, and also give children the chance to respect each other's views and formulate shared opinions which they can disseminate to peers. By helping them to take ideas and abstract concepts, discuss, paraphrase and move them about physically, they help to develop thinking skills.

\*They give children the opportunity to participate in their own words and language in their own time without pressure. Many activities can be tried out in pupils' first languages and afterwards in English. A growing number of activities are available in more than one language, not translated, but mixed, so that you may need more than one language to complete the activity.

\*They encourage study skills in context, and should therefore be used with a range of appropriate information books which are preferably within reach in the classroom.

\*They are generally adaptable over a wide age range because children can bring their own knowledge to an activity and refer to books at an appropriate level. The activities work like catalysts.

\*All project activities were planned and developed by teachers working together, and the main reason they are disseminated is to encourage teachers to work more effectively with each other inside and outside the classroom. They have made it possible for mainstream and language and learning support teachers to share an equal role in curriculum delivery. They should be adapted to local conditions. In order to help us keep pace with curriculum changes, please send any new or revised activities back to the project, so that we can add them to our lists of materials.

### HOW TO PLAY ANGLE CONNECT FOUR

You need 4 people, one gameboard and two sets of cards (different colours.)

Work with your partners to make two teams of two.

Each pair takes a set of cards

Teams shuffle their cards and place them in a pile facing down.

They take it in turn to turn over their top card and decide where to put it on the board.

The winning team gets four in row diagonally, vertically or horizontally.

Decide whether to have challenges or a checking system.

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# Angle Connect Four Game Board

an acute angle	more than an acute or a right angle	less than a reflex angle	more than a straight line	an obtuse angle	an acute angle
more than an obtuse angle	less than a straight line but more than a right angle	less than a right angle	a reflex angle	less than an obtuse or a right angle	more than an obtuse angle or a straight line
more than a right angle but less than a reflex angle	a reflex angle	an obtuse angle	less than an obtuse angle	an obtuse angle	less than a reflex angle
less than an obtuse angle but more than an acute angle	an acute angle	less than a reflex angle but more than an obtuse angle	less than a reflex angle or a straight line but more than a right angle	less than a right angle	a right angle

# Angle Connect Four Game Cards

